

BRFSS

Behavioral Risk Factor Surveillance System

2009
Data
Report



Missouri Department of Health and Senior Services

ACKNOWLEDGMENTS

2009 Behavioral Risk Factor Surveillance System Data Report:

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Special thanks to more than 5,000 Missouri adults whose telephone numbers were randomly selected for participation in the 2009 Behavioral Risk Factor Surveillance System interview. This valuable information would not be available without their willingness to participate.

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INTRODUCTION

ABOUT THIS REPORT

This report presents data from the 2009 Missouri Behavioral Risk Factor Surveillance System (BRFSS). Since its creation by the U.S. Centers for Disease Control and Prevention (CDC) in 1984, the BRFSS has been conducted annually in all 50 states. The BRFSS data is used to estimate the prevalence of chronic disease risk factors, conditions, and preventive practices, as well as to provide information about other pertinent issues.

The information collected from the annual BRFSS is used to monitor health trends and to evaluate public health programs and policies. More information about BRFSS and state data may be found at <http://www.cdc.gov/brfss> or on the Missouri BRFSS website at <http://www.dhss.mo.gov/BRFSS>

This report presents weighted prevalence estimates and 95% confidence intervals calculated for each topic using SAS statistical software. Crude and age-adjusted prevalence estimates and confidence intervals were produced for the selected indicators and cross-tabulated by socio-demographic factors of gender, race, age, income, and education. The definition of each indicator including the questions asked of respondents is provided at the bottom of the data tables.

Definitions:

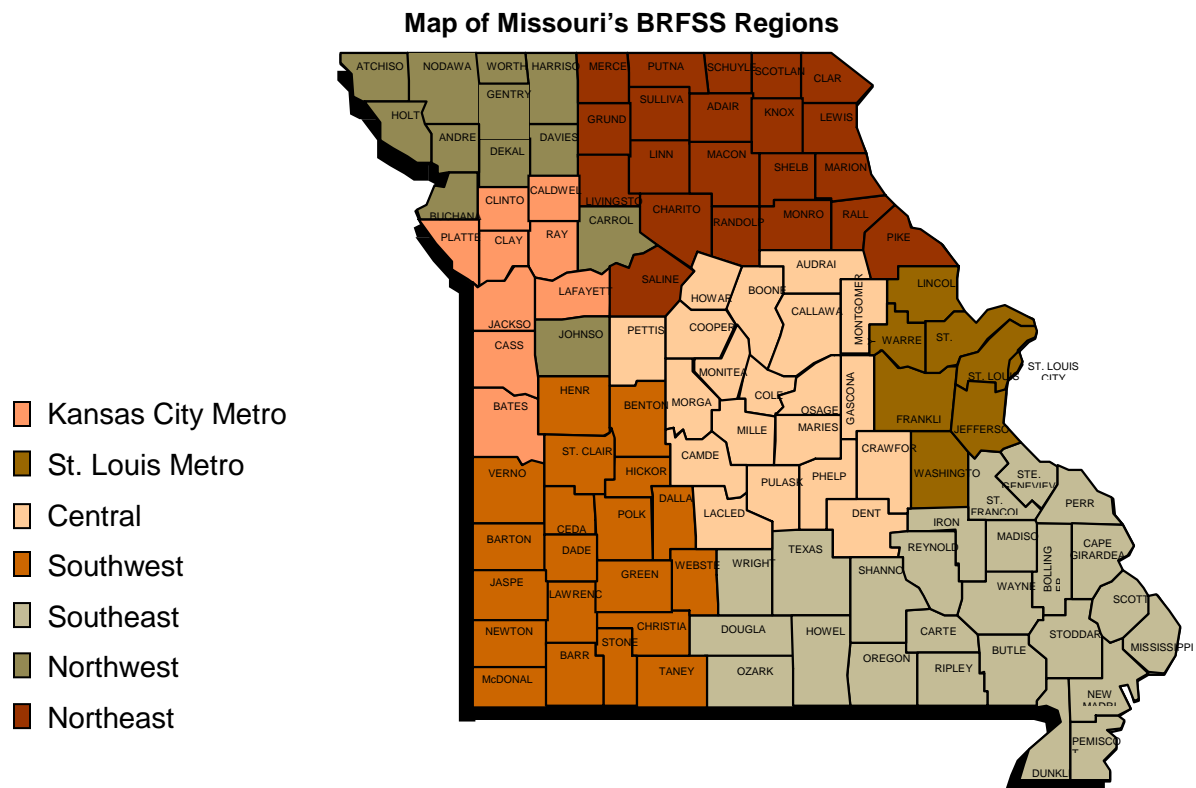
Prevalence: The proportion (usually a percentage) of a population that has a defined risk factor, disease, or condition at a particular point in time. **Crude prevalence** is prevalence without age adjustment.

Age adjustment: A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

95% Confidence Intervals (CI): The range of values for which there is 95% confidence that the true value falls within the range, which is reported as lower confidence interval (LCI) and upper confidence interval (UCI).

REGIONAL DATA FOR MISSOURI

Missouri is comprised of 114 counties and the City of St. Louis. The sample size from each county, on an annual basis, is too small to make conclusive estimates by county. Therefore, the counties and St. Louis are clustered into the following seven geographical BRFSS regions to examine sub-state level results: Kansas City Metro, St. Louis Metro, Central, Southwest, Southeast, Northwest, and Northeast.



DEMOGRAPHICS OF MISSOURI BRFSS RESPONDENTS

**Distribution of demographic and economic characteristics
of Missouri adult respondents, BRFSS 2009**

Characteristic	UNWEIGHTED SAMPLE SIZE NUMBER	WEIGHTED PERCENT %
OVERALL	5057	100
GENDER		
MALE	1924	48.1
FEMALE	3133	51.9
AGE GROUP		
18-24	162	10.6
25-34	448	19.4
35-44	652	17.5
45-54	1022	19.2
55-64	1073	14.7
65 AND OLDER	1668	18.5
RACE/ETHNICITY		
WHITE	4272	84.3
AFRICAN AMERICAN	441	8.3
OTHER	98	2.4
HISPANIC	207	5.0
EDUCATION		
LESS THAN HIGH SCHOOL	536	9.9
HIGH SCHOOL	1770	32.6
SOME POST HIGH SCHOOL	1350	27.7
COLLEGE GRADUATE	1392	29.8
MARITAL STATUS		
NEVER MARRIED	548	16.7
MARRIED	2756	62.4
DIVORCED, WIDOWED, SEPARATED	1634	17.3
UNMARRIED COUPLE	105	3.6
HOUSEHOLD INCOME		
<\$15,000	553	9.3
\$15-24,999	854	16.7
\$25-34,999	599	11.5
\$35,000-49,999	747	18.6
\$50,000-74,999	694	18.1
\$75,000 and over	905	25.8
EMPLOYMENT		
EMPLOYED	2474	57.6
OUT OF WORK	258	6.5
UNABLE TO WORK	423	6.7
HOMEMAKER	355	7.0
STUDENT	83	4.8
RETIRED	1499	17.4

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1 - Health Status

Poor general health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	4.6	3.8	5.5	4.3	3.5	5.1
REGION							
Central	565	4.5	2.8	6.2	4.6	2.9	6.4
Kansas City	954	5.0	3.4	6.6	4.7	3.2	6.2
Northeast	587	5.2	3.6	6.8	4.5	3.1	5.9
Northwest	605	4.5	2.9	6.2	4.8	2.9	6.7
Southeast	555	6.5	4.6	8.4	5.6	4.0	7.2
Southwest	555	4.4	2.7	6.2	4.1	2.5	5.7
St. Louis	736	3.9	1.6	6.2	3.8	1.4	6.2
GENDER							
Female	3128	4.9	4.0	5.9	4.5	3.5	5.4
Male	1919	4.3	2.9	5.7	4.1	2.7	5.4
RACE							
Black	438	3.2	1.7	4.6	3.0	1.6	4.4
Other	305	6.9	2.9	10.8	7.2	3.4	11.1
White	4266	4.6	3.6	5.5	4.1	3.3	5.0
EDUCATION							
<HS	534	12.6	8.8	16.3	13.2	8.4	18.0
HS	1765	5.9	4.5	7.3	5.2	3.8	6.5
>HS	2740	2.5	1.4	3.5	2.3	1.4	3.2
INCOME							
<\$15,000	550	14.7	10.9	18.6	15.1	11.3	19.0
\$15-24,999	853	8.0	5.5	10.5	7.8	5.0	10.7
\$25-34,999	599	4.6	2.6	6.7	3.9	2.2	5.6
\$35-49,999	745	5.0	1.5	8.5	4.2	1.8	6.7
\$50-74,999	694	1.2	0.3	2.1	1.1	0.3	1.8
\$75,000+	903	1.0	0.0	2.0	0.8	0.1	1.5

Definition: "Poor" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1 - Health Status

Poor or fair general health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	16.1	14.7	17.6	15.4	14.	16.9
REGION							
Central	565	16.4	12.8	19.9	16.2	12.8	19.5
Kansas City	954	13.6	11.1	16.1	12.6	10.3	14.9
Northeast	587	19.1	15.4	22.8	17.1	14.0	20.3
Northwest	605	18.4	14.5	22.2	18.0	14.4	21.7
Southeast	555	23.1	18.9	27.2	22.4	18.1	26.7
Southwest	555	17.2	13.5	21.0	16.7	12.8	20.6
St. Louis	736	13.4	9.9	17.0	12.7	9.1	16.3
GENDER							
Female	3128	16.4	14.7	18.1	15.0	13.4	16.7
Male	1919	15.9	13.4	18.3	15.6	13.2	18.1
RACE							
Black	438	24.1	18.5	29.6	23.3	18.3	28.4
Other	305	23.1	16.7	29.6	24.4	18.0	30.7
White	4266	14.7	13.1	16.2	13.9	12.3	15.5
EDUCATION							
<HS	534	38.0	31.2	44.9	39.6	32.6	46.7
HS	1765	20.4	17.7	23.0	18.7	16.0	21.3
>HS	2740	9.9	8.3	11.5	9.8	8.3	11.3
INCOME							
<\$15,000	550	42.0	35.0	48.9	43.6	37.6	49.7
\$15-24,999	853	29.8	25.0	34.5	29.4	24.3	34.5
\$25-34,999	599	17.4	13.4	21.5	15.3	11.6	19.0
\$35-49,999	745	15.4	10.5	20.4	15.5	9.8	21.1
\$50-74,999	694	8.7	6.1	11.4	8.5	6.0	10.9
\$75,000+	903	3.3	2.0	4.7	3.4	2.1	4.8

Definition: "Poor" or "Fair" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1 - Health Status

Fair general health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	11.5	10.3	12.7	11.1	9.9	12.4
REGION							
Central	565	11.9	8.7	15.0	11.6	8.6	14.6
Kansas City	954	8.6	6.5	10.6	7.9	6.1	9.8
Northeast	587	13.9	10.5	17.2	12.6	9.6	15.7
Northwest	605	13.9	10.4	17.4	13.2	10.0	16.5
Southeast	555	16.6	12.7	20.4	16.8	12.7	21.0
Southwest	555	12.8	9.4	16.2	12.6	8.9	16.3
St. Louis	736	9.5	6.6	12.4	8.9	6.1	11.8
GENDER							
Female	3128	11.4	10.0	12.8	10.6	9.2	12.0
Male	1919	11.6	9.5	13.7	11.6	9.5	13.7
RACE							
Black	438	20.9	15.5	26.3	20.3	15.4	25.3
Other	305	16.3	10.8	21.7	17.1	11.5	22.7
White	4266	10.1	8.8	11.4	9.7	8.4	11.1
EDUCATION							
<HS	534	25.5	19.1	31.9	26.4	20.1	32.8
HS	1765	14.4	12.1	16.8	13.5	11.1	15.9
>HS	2740	7.5	6.3	8.7	7.5	6.3	8.7
INCOME							
<\$15,000	550	27.2	21.2	33.2	28.5	22.8	34.2
\$15-24,999	853	21.7	17.5	26.0	21.6	16.9	26.2
\$25-34,999	599	12.8	9.2	16.4	11.4	8.0	14.9
\$35-49,999	745	10.5	6.5	14.5	11.2	6.1	16.4
\$50-74,999	694	7.6	5.1	10.1	7.4	5.1	9.8
\$75,000+	903	2.3	1.4	3.3	2.6	1.5	3.9

Definition: "Fair" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1 - Health Status

Good general health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	29.2	27.3	31.1	28.9	26.9	30.9
REGION							
Central	565	29.7	24.2	35.2	29.5	24.2	34.8
Kansas City	954	30.1	26.4	33.8	29.7	25.7	33.7
Northeast	587	32.9	26.9	38.9	32.6	27.2	38.0
Northwest	605	35.3	29.7	40.9	34.5	28.7	40.4
Southeast	555	30.7	25.9	35.5	29.7	24.6	34.8
Southwest	555	28.6	23.7	33.6	27.9	22.7	33.1
St. Louis	736	26.2	21.9	30.5	26.3	21.9	30.8
GENDER							
Female	3128	29.8	27.4	32.2	29.6	27.0	32.3
Male	1919	28.5	25.5	31.5	28.2	25.3	31.2
RACE							
Black	438	37.1	30.4	43.7	37.9	30.9	44.8
Other	305	22.9	15.4	30.5	22.5	16.1	28.9
White	4266	28.9	26.8	31.0	28.5	26.3	30.6
EDUCATION							
<HS	534	34.3	27.5	41.1	34.2	27.2	41.2
HS	1765	33.6	30.2	37.0	33.4	29.5	37.2
>HS	2740	25.7	23.3	28.1	25.7	23.2	28.2
INCOME							
<\$15,000	550	25.5	19.5	31.5	25.8	19.8	31.8
\$15-24,999	853	37.6	32.4	42.8	38.0	32.3	43.7
\$25-34,999	599	38.3	32.4	44.1	38.	31.6	45.2
\$35-49,999	745	26.6	21.9	31.4	25.7	21.5	29.9
\$50-74,999	694	23.1	18.7	27.5	23.4	18.9	27.9
\$75,000+	903	24.4	20.5	28.2	24.8	19.7	29.8

Definition: "Good" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1 - Health Status

Very good general health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	37.0	34.9	39.2	37.6	35.4	39.9
REGION							
Central	565	33.4	28.0	38.8	33.2	28.0	38.5
Kansas City	954	36.4	32.3	40.5	37.3	33.0	41.7
Northeast	587	32.1	27.1	37.2	33.3	28.1	38.6
Northwest	605	29.6	24.0	35.3	31.7	25.9	37.5
Southeast	555	31.9	26.6	37.1	32.8	27.3	38.3
Southwest	555	36.2	30.9	41.4	36.4	30.6	42.2
St. Louis	736	44.4	39.3	49.5	45.1	39.8	50.4
GENDER							
Female	3128	36.1	33.4	38.7	36.9	34.0	39.7
Male	1919	38.0	34.6	41.4	38.4	35.0	41.8
RACE							
Black	438	22.8	16.7	28.8	21.9	16.3	27.6
Other	305	38.7	30.4	47.0	37.9	30.0	45.7
White	4266	38.4	36.0	40.7	39.2	36.7	41.6
EDUCATION							
<HS	534	19.7	13.6	25.9	18.1	12.7	23.6
HS	1765	31.9	28.3	35.5	32.5	28.5	36.5
>HS	2740	43.0	40.1	45.8	43.5	40.6	46.5
INCOME							
<\$15,000	550	20.9	13.4	28.5	19.3	13.6	25.1
\$15-24,999	853	24.2	19.0	29.4	24.4	19.5	29.3
\$25-34,999	599	26.7	21.7	31.7	25.8	20.4	31.1
\$35-49,999	745	42.5	36.7	48.4	43.9	37.6	50.3
\$50-74,999	694	46.1	40.6	51.5	45.4	39.7	51.1
\$75,000+	903	46.9	42.4	51.4	47.0	41.2	52.9

Definition: "Very Good" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 1- Health Status

Excellent General Health

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 1.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5047	17.7	16.1	19.3	18.1	16.4	19.8
REGION							
Central	565	20.5	15.8	25.3	21.1	16.4	25.8
Kansas City	954	19.9	16.6	23.2	20.4	16.9	23.8
Northeast	587	15.9	11.9	19.9	16.9	12.7	21.2
Northwest	605	16.7	12.3	21.2	15.8	11.6	20.0
Southeast	555	14.4	10.6	18.2	15.1	10.9	19.2
Southwest	555	18.0	13.6	22.4	19.0	14.1	24.0
St. Louis	736	16.0	12.4	19.6	15.9	12.2	19.7
GENDER							
Female	3128	17.8	15.8	19.8	18.5	16.2	20.7
Male	1919	17.6	15.0	20.2	17.8	15.2	20.4
RACE							
Black	438	16.1	10.3	21.9	16.9	11.1	22.7
Other	305	15.3	9.7	20.8	15.3	9.8	20.8
White	4266	18.1	16.3	19.9	18.5	16.6	20.4
EDUCATION							
<HS	534	7.9	4.2	11.7	8.0	4.5	11.6
HS	1765	14.2	11.5	16.8	15.5	12.4	18.6
>HS	2740	21.4	19.1	23.7	20.9	18.6	23.2
INCOME							
<\$15,000	550	11.6	6.0	17.2	11.2	6.2	16.3
\$15-24,999	853	8.5	5.8	11.1	8.2	5.4	11.0
\$25-34,999	599	17.6	12.5	22.8	20.5	14.3	26.6
\$35-49,999	745	15.4	11.8	19.0	14.9	11.4	18.4
\$50-74,999	694	22.2	17.5	26.8	22.8	17.9	27.7
\$75,000+	903	25.4	21.5	29.3	24.8	19.9	29.7

Definition: "Excellent" response to the question "Would you say that in general your health is excellent, very good, good, fair or poor?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

No poor physical health in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4996	65.5	63.4	67.5	65.5	63.3	67.7
REGION							
Central	558	69.2	64.1	74.2	68.8	63.9	73.7
Kansas City	947	65.7	61.8	69.6	65.8	61.6	70.0
Northeast	579	67.6	62.5	72.7	68.7	63.6	73.9
Northwest	599	63.6	58.0	69.1	65.4	60.6	70.3
Southeast	551	63.8	58.7	68.9	64.1	58.5	69.6
Southwest	550	61.7	56.3	67.1	61.4	55.6	67.2
St. Louis	730	66.2	61.3	71.2	66.1	60.9	71.3
GENDER							
Female	3087	63.7	61.1	66.2	64.2	61.5	66.9
Male	1909	67.4	64.1	70.7	67.2	63.9	70.6
RACE							
Black	433	67.9	61.8	74.1	67.9	61.4	74.4
Other	298	56.7	48.3	65.1	56.2	48.2	64.2
White	4230	66.0	63.8	68.3	66.2	63.7	68.6
EDUCATION							
<HS	520	59.7	52.7	66.8	59.0	51.9	66.1
HS	1740	65.5	62.0	68.9	65.6	61.8	69.6
>HS	2728	66.5	63.7	69.2	66.6	63.8	69.5
INCOME							
<\$15,000	538	48.6	41.1	56.2	47.6	40.5	54.8
\$15-24,999	844	51.2	45.7	56.6	49.9	44.2	55.6
\$25-34,999	591	64.3	58.4	70.2	63.3	56.8	69.8
\$35-49,999	739	67.3	61.6	72.9	66.4	60.1	72.7
\$50-74,999	692	72.4	67.6	77.2	72.6	67.8	77.4
\$75,000+	904	72.3	68.2	76.3	73.2	68.5	77.8

Definition: "0" response to the question "Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

Frequent poor physical health - 14 or more of past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4996	12.0	10.7	13.3	11.5	10.2	12.8
REGION							
Central	558	10.2	7.6	12.7	10.3	7.9	12.8
Kansas City	947	11.1	8.6	13.5	10.6	8.0	13.3
Northeast	579	13.7	10.0	17.5	12.7	9.0	16.4
Northwest	599	11.3	8.5	14.1	11.5	8.6	14.4
Southeast	551	17.6	13.9	21.3	16.9	13.0	20.8
Southwest	550	13.0	9.9	16.1	12.5	9.5	15.5
St. Louis	730	10.9	7.6	14.3	10.4	7.0	13.8
GENDER							
Female	3087	12.7	11.2	14.3	11.8	10.3	13.3
Male	1909	11.2	9.0	13.4	11.0	8.9	13.2
RACE							
Black	433	11.9	8.5	15.3	12.1	8.6	15.5
Other	298	17.6	11.4	23.8	18.5	12.5	24.5
White	4230	11.5	10.1	13.0	10.8	9.4	12.3
EDUCATION							
<HS	520	21.0	16.3	25.8	23.0	17.5	28.6
HS	1740	15.3	12.8	17.8	14.1	11.4	16.8
>HS	2728	8.6	7.0	10.2	8.6	7.0	10.2
INCOME							
<\$15,000	538	26.2	20.8	31.6	27.6	22.5	32.7
\$15-24,999	844	19.0	14.8	23.2	18.3	13.9	22.7
\$25-34,999	591	12.3	8.3	16.4	11.7	7.0	16.5
\$35-49,999	739	11.8	7.7	15.8	11.6	8.0	15.2
\$50-74,999	692	8.1	5.0	11.3	7.7	5.1	10.4
\$75,000+	904	4.1	2.5	5.6	3.9	2.5	5.4

Definition: "14" or greater response to the question "Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

No poor mental health in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age- Adj 95% Upper CI
OVERALL	5000	64.1	62.0	66.3	63.4	61.2	65.6
REGION							
Central	558	64.2	58.4	70.1	64.4	58.9	69.9
Kansas City	949	60.9	56.7	65.1	60.0	55.7	64.4
Northeast	578	67.8	62.8	72.8	65.7	60.3	71.1
Northwest	597	64.0	58.3	69.8	61.8	55.4	68.2
Southeast	554	64.5	59.3	69.6	63.1	57.5	68.7
Southwest	551	63.3	57.8	68.7	62.6	56.9	68.4
St. Louis	729	66.6	61.6	71.5	66.0	60.8	71.1
GENDER							
Female	3093	57.9	55.3	60.6	56.6	53.7	59.5
Male	1907	70.8	67.5	74.0	70.6	67.4	73.8
RACE							
Black	438	64.1	57.6	70.6	64.5	58.1	71.0
Other	301	55.0	46.5	63.5	56.5	48.5	64.4
White	4223	64.9	62.6	67.2	63.9	61.4	66.3
EDUCATION							
<HS	524	61.8	54.6	69.0	58.4	51.2	65.6
HS	1749	67.1	63.6	70.5	65.9	62.0	69.8
>HS	2718	62.9	60.0	65.8	62.8	60.0	65.6
INCOME							
<\$15,000	541	45.2	37.8	52.6	43.8	36.7	50.8
\$15-24,999	844	56.3	50.8	61.8	53.9	48.1	59.7
\$25-34,999	595	69.3	63.6	75.0	65.7	59.4	72.0
\$35-49,999	743	62.8	57.0	68.7	63.3	56.9	69.7
\$50-74,999	688	68.5	63.3	73.7	68.4	63.1	73.8
\$75,000+	903	68.5	64.2	72.7	66.8	61.3	72.3

Definition: "0" response to the question "Now thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

Frequent poor mental health - 14 or more of past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5000	11.9	10.6	13.3	11.9	10.5	13.3
REGION							
Central	558	12.4	8.2	16.6	12.4	8.4	16.5
Kansas City	949	13.0	10.3	15.7	12.6	10.0	15.3
Northeast	578	11.5	7.9	15.2	12.3	8.1	16.5
Northwest	597	13.6	9.7	17.5	14.8	10.4	19.1
Southeast	554	16.0	12.1	19.9	16.6	12.3	20.9
Southwest	551	12.2	8.4	15.9	12.0	8.1	15.9
St. Louis	729	9.5	6.5	12.4	9.4	6.3	12.5
GENDER							
Female	3093	14.0	12.2	15.8	14.2	12.2	16.2
Male	1907	9.7	7.7	11.8	9.5	7.5	11.5
RACE							
Black	438	13.4	9.4	17.4	13.4	9.5	17.3
Other	301	18.8	11.9	25.8	18.9	12.6	25.3
White	4223	11.1	9.7	12.6	11.0	9.6	12.5
EDUCATION							
<HS	524	18.5	13.3	23.6	21.1	15.6	26.6
HS	1749	14.3	11.8	16.8	14.4	11.6	17.2
>HS	2718	9.5	7.8	11.1	8.9	7.4	10.5
INCOME							
<\$15,000	541	27.7	21.8	33.7	29.6	23.9	35.3
\$15-24,999	844	20.5	15.8	25.2	21.7	16.8	26.6
\$25-34,999	595	8.7	6.0	11.5	9.7	6.5	12.9
\$35-49,999	743	12.8	8.6	17.0	12.3	8.8	15.9
\$50-74,999	688	7.5	4.7	10.3	7.2	4.1	10.2
\$75,000+	903	6.2	4.2	8.2	5.8	3.8	7.8

Definition: "14" or greater response to the question "Now thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

Not kept from usual activities due to poor physical or mental health in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2608	58.3	55.3	61.2	58.5	56.0	61.4
REGION							
Central	280	50.8	42.4	59.2	51.2	43.3	59.0
Kansas City	520	58.5	52.9	64.1	59.1	53.8	64.3
Northeast	288	60.4	53.3	67.6	61.5	54.2	68.9
Northwest	313	60.9	53.4	68.5	60.6	54.3	66.8
Southeast	299	60.0	53.0	67.0	60.1	53.4	66.9
Southwest	274	55.7	48.0	63.5	56.9	49.5	64.3
St. Louis	357	60.6	53.6	67.7	61.3	54.9	67.8
GENDER							
Female	1759	58.6	55.1	62.1	59.2	55.6	62.8
Male	849	57.8	52.8	62.9	57.7	53.0	62.4
RACE							
Black	231	59.1	50.3	68.0	58.1	49.4	66.8
Other	171	53.3	42.3	64.4	52.9	43.1	62.7
White	2188	58.9	55.6	62.1	59.3	56.1	62.5
EDUCATION							
<HS	313	50.3	40.8	59.8	47.3	39.1	55.4
HS	908	60.3	55.4	65.2	61.8	56.7	67.0
>HS	1384	58.6	54.6	62.6	58.0	54.1	61.8
INCOME							
<\$15,000	387	43.5	35.0	52.0	42.7	34.5	50.9
\$15-24,999	509	45.2	38.1	52.4	45.3	38.8	51.9
\$25-34,999	303	54.0	45.5	62.6	55.6	47.2	64.0
\$35-49,999	367	66.3	59.2	73.4	66.8	60.4	73.2
\$50-74,999	311	67.3	59.9	74.8	65.9	58.3	73.6
\$75,000+	403	67.2	61.0	73.4	67.1	60.0	74.1

Definition: "0" response to the question "During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 2 - Healthy Days-Health-related Quality of Life

Kept from usual activities due to poor physical or mental health 14 or more of past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 2.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2608	15.4	13.4	17.4	15.3	13.4	17.3
REGION							
Central	280	20.8	13.6	28.0	20.7	14.2	27.2
Kansas City	520	13.4	9.7	17.0	13.0	9.6	16.3
Northeast	288	18.8	13.5	24.1	17.4	12.2	22.6
Northwest	313	12.6	8.4	16.8	13.9	9.6	18.3
Southeast	299	24.4	18.7	30.1	23.7	18.3	29.2
Southwest	274	13.4	9.1	17.7	14.2	10.0	18.5
St. Louis	357	12.6	8.0	17.2	12.3	8.0	16.5
GENDER							
Female	1759	15.3	12.9	17.7	15.0	12.5	17.4
Male	849	15.5	12.1	18.8	15.9	12.8	19.0
RACE							
Black	231	18.2	11.8	24.6	18.5	12.3	24.6
Other	171	22.3	13.1	31.6	23.0	15.0	31.1
White	2188	14.3	12.2	16.4	14.0	12.0	16.0
EDUCATION							
<HS	313	29.0	21.0	37.0	28.4	20.7	36.0
HS	908	19.9	15.7	24.1	18.6	14.3	22.9
>HS	1384	10.4	8.4	12.4	11.2	9.3	13.2
INCOME							
<\$15,000	387	31.4	24.6	38.2	32.0	26.2	37.9
\$15-24,999	509	25.8	19.0	32.5	25.3	19.4	31.1
\$25-34,999	303	15.5	10.2	20.8	13.8	9.3	18.4
\$35-49,999	367	11.2	7.0	15.1	11.5	7.3	15.6
\$50-74,999	311	8.9	4.5	13.3	9.8	4.8	14.9
\$75,000+	403	5.4	2.6	8.3	6.1	2.7	9.4

Definition: "14" or greater response to the question "During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 3 - Disability

Limited in activities because of physical, mental or emotional problems

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age- Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4980	22.1	20.4	23.8	21.1	19.4	22.8
REGION							
Central	558	22.8	18.4	27.1	22.7	18.5	26.9
Kansas City	939	20.3	17.3	23.3	19.1	16.1	22.2
Northeast	581	21.6	17.8	25.4	20.2	16.3	24.1
Northwest	596	23.0	18.9	27.2	22.7	18.9	26.6
Southeast	555	23.8	19.6	27.9	22.6	18.3	26.8
Southwest	551	25.7	21.3	30.1	23.7	19.8	27.6
St. Louis	722	20.3	16.2	24.5	19.6	15.3	23.8
GENDER							
Female	3092	23.3	21.3	25.4	21.7	19.7	23.7
Male	1888	20.7	18.0	23.5	20.3	17.6	23.1
RACE							
Black	430	23.5	17.9	29.1	22.6	17.4	27.8
Other	299	25.6	18.9	32.3	26.1	19.7	32.6
White	4213	21.5	19.7	23.4	20.4	18.5	22.3
EDUCATION							
<HS	522	34.2	27.9	40.5	37.2	30.4	44.0
HS	1742	23.7	20.8	26.7	22.3	19.1	25.5
>HS	2709	19.0	16.8	21.2	18.8	16.6	21.0
INCOME							
<\$15,000	545	47.6	40.2	55.1	49.3	42.1	56.4
\$15-24,999	837	38.4	33.1	43.7	37.6	32.0	43.2
\$25-34,999	593	22.8	18.1	27.6	21.2	16.1	26.2
\$35-49,999	739	17.7	13.5	22.0	16.7	13.3	20.2
\$50-74,999	690	15.5	11.5	19.4	14.8	11.5	18.2
\$75,000+	894	10.2	7.9	12.6	10.0	7.7	12.4

Definition: "Yes" response to the question "Are you limited in any way in any activities because of physical, mental or emotional problems?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 3 - Disability

Has health problem that requires use of special equipment *Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)*

Table 3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	8.1	7.2	9.1	7.6	6.7	8.5
REGION							
Central	561	8.2	5.6	10.9	8.2	5.5	10.9
Kansas City	939	9.0	6.8	11.2	8.2	6.2	10.2
Northeast	583	8.7	6.4	11.1	7.8	5.6	10.1
Northwest	596	7.2	5.2	9.1	7.0	5.1	9.0
Southeast	556	12.5	9.2	15.8	12.0	8.4	15.7
Southwest	552	7.5	5.4	9.6	6.9	5.0	8.8
St. Louis	723	6.1	4.1	8.1	5.4	3.7	7.1
GENDER							
Female	3095	8.0	7.0	9.1	7.2	6.2	8.1
Male	1896	8.2	6.6	9.8	7.9	6.4	9.5
RACE							
Black	432	12.5	8.3	16.7	12.0	8.1	15.8
Other	299	8.9	5.3	12.6	9.7	5.8	13.6
White	4223	7.5	6.6	8.5	7.0	6.0	7.9
EDUCATION							
<HS	526	14.2	10.4	18.0	14.2	9.7	18.7
HS	1747	8.6	6.9	10.3	7.5	6.0	9.1
>HS	2711	6.7	5.5	7.9	6.8	5.7	7.9
INCOME							
<\$15,000	546	16.8	12.8	20.8	16.7	12.8	20.5
\$15-24,999	839	14.3	11.1	17.5	12.9	9.7	16.1
\$25-34,999	594	9.3	6.2	12.4	7.2	4.7	9.8
\$35-49,999	740	5.5	3.5	7.5	5.9	3.6	8.2
\$50-74,999	692	3.3	1.8	4.8	3.5	1.9	5.1
\$75,000+	893	5.0	2.9	7.2	5.0	2.9	7.2

Definition: "Yes" response to the question "Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed or a special telephone? Include occasional use or use in certain circumstances."

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

No health care coverage

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5049	13.6	12.0	15.3	14.1	12.4	15.9
REGION							
Central	565	14.4	9.9	19.0	14.0	9.8	18.1
Kansas City	955	11.1	8.3	13.9	11.6	8.5	14.7
Northeast	588	20.3	14.3	26.3	21.3	15.8	26.9
Northwest	605	11.6	7.5	15.6	12.1	7.3	17.0
Southeast	556	12.9	8.7	17.1	14.0	9.4	18.7
Southwest	556	17.4	12.6	22.3	19.4	14.3	24.6
St. Louis	735	10.9	7.1	14.7	11.3	7.3	15.3
GENDER							
Female	3130	11.0	9.1	12.9	11.6	9.5	13.7
Male	1919	16.5	13.7	19.3	16.6	13.8	19.4
RACE							
Black	440	21.5	15.7	27.3	21.4	15.6	27.2
Other	305	22.1	14.8	29.3	20.9	14.0	27.7
White	4265	12.2	10.4	14.0	12.8	10.9	14.8
EDUCATION							
<HS	535	22.8	16.6	29.0	27.2	20.4	34.0
HS	1764	18.9	15.6	22.1	21.5	17.8	25.2
>HS	2741	9.1	7.2	11.1	8.8	6.8	10.9
INCOME							
<\$15,000	550	28.0	21.4	34.5	30.1	23.8	36.4
\$15-24,999	853	30.0	24.6	35.4	34.5	28.7	40.3
\$25-34,999	599	18.4	13.1	23.8	22.4	16.3	28.6
\$35-49,999	747	11.5	6.3	16.7	11.3	5.9	16.7
\$50-74,999	694	7.1	3.8	10.4	8.2	4.4	12.0
\$75,000+	904	2.0	0.9	3.1	1.7	0.7	2.7

Definition: “No” response to the question, “Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs or government plans such as Medicare?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

No health care coverage – Ages 18-64

Crude Prevalence With 95% Confidence Intervals (CI)

Table 4.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3352	16.4	14.4	18.4
REGION				
Central	371	17.4	11.9	22.9
Kansas City	649	13.5	10.1	16.9
Northeast	406	25.1	17.8	32.5
Northwest	390	14.0	9.1	19.0
Southeast	352	16.1	10.8	21.4
Southwest	338	21.2	15.4	27.1
St. Louis	484	12.8	8.3	17.4
GENDER				
Female	2016	13.4	11.1	15.8
Male	1336	19.5	16.1	22.8
RACE				
Black	318	25.5	18.6	32.4
Other	209	24.4	16.0	32.9
White	2803	14.8	12.6	17.0
EDUCATION				
<HS	260	31.8	22.9	40.7
HS	1071	24.2	20.1	28.3
>HS	2018	10.4	8.1	12.6
INCOME				
<\$15,000	325	34.8	26.6	43.2
\$15-24,999	449	40.1	33.1	47.2
\$25-34,999	353	25.1	17.9	32.4
\$35-49,999	524	13.5	7.4	19.7
\$50-74,999	573	7.9	4.2	11.6
\$75,000+	782	2.2	1.0	3.4

Definition: Among respondents age 18-64, “No” response to the question, “Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs or government plans such as Medicare?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Think of one person as personal doctor or health care provider

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5052	77.1	75.07	79.06	76.5	74.44	78.57
REGION							
Central	565	76.9	71.93	81.97	77.4	72.60	82.19
Kansas City	956	79.5	75.86	83.21	78.4	74.45	82.38
Northeast	589	77.3	71.31	83.19	76.4	70.96	81.86
Northwest	605	81.1	76.26	85.85	81.8	77.32	86.24
Southeast	557	77.3	72.44	82.19	76.7	71.66	81.73
Southwest	556	71.5	66.02	76.91	69.9	64.29	75.42
St. Louis	733	78.1	73.34	82.82	77.4	72.45	82.26
GENDER							
Female	3129	83.1	81.01	85.18	82.5	80.29	84.81
Male	1923	70.6	67.19	73.94	70.4	67.16	73.70
RACE							
Black	441	74.2	68.01	80.40	74.1	67.88	80.41
Other	305	68.0	59.81	76.18	68.7	61.19	76.21
White	4268	78.2	75.97	80.33	77.5	75.22	79.79
EDUCATION							
<HS	535	68.7	61.38	76.10	66.6	59.42	73.88
HS	1768	74.9	71.48	78.36	72.9	69.04	76.72
>HS	2740	79.7	77.16	82.26	80.1	77.54	82.63
INCOME							
<\$15,000	552	71.3	64.19	78.40	70.4	63.55	77.33
\$15-24,999	854	67.2	61.72	72.64	64.7	58.93	70.47
\$25-34,999	599	73.9	67.73	80.03	70.5	63.79	77.27
\$35-49,999	746	77.9	72.06	83.74	79.2	73.30	85.03
\$50-74,999	694	79.5	74.92	84.17	77.7	73.09	82.27
\$75,000+	905	84.3	80.72	87.98	85.5	82.01	89.08

Definition: “Yes, only one” response to “Do you have one person you think of as your personal doctor or health care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Think of no one person as personal doctor or health care provider

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5052	18.1	16.3	20.0	18.7	16.8	20.6
REGION							
Central	565	18.7	13.9	23.4	18.3	13.8	22.8
Kansas City	956	17.3	13.8	20.9	18.4	14.6	22.3
Northeast	589	17.5	11.7	23.4	18.2	12.7	23.7
Northwest	605	14.2	9.7	18.8	13.7	9.5	18.0
Southeast	557	17.4	12.8	22.1	18.5	13.7	23.3
Southwest	556	25.6	20.2	31.1	27.4	21.9	32.8
St. Louis	733	15.2	11.1	19.4	16.0	11.7	20.4
GENDER							
Female	3129	12.6	10.7	14.4	13.2	11.2	15.3
Male	1923	24.1	21.0	27.3	24.3	21.2	27.4
RACE							
Black	441	22.7	16.6	28.8	22.8	16.7	29.0
Other	305	25.0	17.3	32.8	24.1	17.1	31.1
White	4268	17.0	15.1	19.0	17.8	15.7	19.9
EDUCATION							
<HS	535	22.3	16.0	28.6	26.2	19.3	33.1
HS	1768	19.8	16.7	23.0	22.1	18.6	25.7
>HS	2740	16.5	14.0	19.0	16.1	13.6	18.5
INCOME							
<\$15,000	552	24.9	17.7	32.0	25.8	18.9	32.7
\$15-24,999	854	26.1	21.1	31.0	28.9	23.5	34.3
\$25-34,999	599	22.3	16.2	28.4	26.0	19.3	32.8
\$35-49,999	746	18.1	12.8	23.4	15.6	11.7	19.6
\$50-74,999	694	16.7	12.3	21.0	18.3	13.8	22.9
\$75,000+	905	10.8	7.7	13.9	10.0	6.9	13.1

Definition: “No” response to “Do you have one person you think of as your personal doctor or health care provider?” AND “No person” response to “Is there more than one, or is there no person who you think of as your personal doctor or health care provider?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Needed to see a doctor in past 12 months but could not due to cost

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5048	14.0	12.5	15.5	14.0	12.5	15.6
REGION							
Central	565	13.6	9.3	18.0	13.6	9.4	17.8
Kansas City	953	11.6	9.0	14.2	11.6	9.0	14.3
Northeast	587	14.9	11.0	18.8	15.4	11.3	19.5
Northwest	606	13.8	10.0	17.7	13.9	10.2	17.6
Southeast	558	15.9	11.6	20.1	16.8	12.2	21.4
Southwest	555	18.4	13.9	22.9	17.6	13.4	21.9
St. Louis	734	11.0	7.8	14.2	11.3	8.0	14.7
GENDER							
Female	3127	15.8	13.9	17.8	16.2	14.1	18.3
Male	1921	11.9	9.7	14.2	11.9	9.6	14.2
RACE							
Black	441	21.3	16.1	26.5	20.9	15.8	25.9
Other	304	24.7	17.0	32.4	24.4	17.2	31.6
White	4265	12.2	10.7	13.8	12.4	10.8	14.0
EDUCATION							
<HS	532	26.5	20.4	32.5	33.9	27.2	40.6
HS	1768	15.1	12.5	17.7	16.2	13.2	19.2
>HS	2739	11.1	9.2	13.0	10.4	8.7	12.1
INCOME							
<\$15,000	551	33.8	27.0	40.5	36.7	30.6	43.0
\$15-24,999	852	32.4	27.1	37.6	37.0	31.3	42.7
\$25-34,999	598	17.6	12.8	22.5	20.9	15.3	26.5
\$35-49,999	746	11.8	7.7	15.9	11.0	7.6	14.4
\$50-74,999	694	7.0	4.3	9.6	6.1	3.8	8.4
\$75,000+	905	2.5	1.1	3.8	2.1	0.8	3.4

Definition: “Yes” response to the question “Was there a time in the past 12 months when you needed to see a doctor but could not because of cost?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Had routine checkup by a doctor within the past year

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	63.9	61.7	66.0	62.9	60.7	65.2
REGION							
Central	554	65.0	59.2	70.8	64.4	58.7	70.1
Kansas City	945	64.8	60.8	68.9	63.3	58.8	67.8
Northeast	577	59.9	53.9	65.9	58.1	52.0	64.2
Northwest	594	62.4	56.5	68.3	63.0	57.0	69.0
Southeast	553	66.7	61.5	71.9	64.9	59.2	70.6
Southwest	549	61.2	55.8	66.6	60.6	54.8	66.4
St. Louis	730	62.3	57.1	67.5	61.1	56.0	66.3
GENDER							
Female	3096	69.3	66.8	71.8	68.2	65.4	70.9
Male	1895	57.9	54.4	61.4	57.5	54.0	61.0
RACE							
Black	435	79.0	73.1	85.0	78.6	72.5	84.8
Other	303	57.7	49.2	66.1	57.4	49.4	65.4
White	4215	62.9	60.6	65.3	61.8	59.3	64.3
EDUCATION							
<HS	527	62.6	55.4	69.8	55.1	48.1	62.1
HS	1750	64.7	61.1	68.3	62.6	58.5	66.7
>HS	2706	63.6	60.6	66.5	64.0	61.0	67.0
INCOME							
<\$15,000	542	62.6	54.9	70.2	60.9	54.0	67.8
\$15-24,999	843	58.1	52.6	63.7	55.0	49.1	60.9
\$25-34,999	594	67.2	61.3	73.0	63.0	56.5	69.5
\$35-49,999	741	61.3	55.4	67.2	63.3	57.8	68.8
\$50-74,999	687	57.4	51.7	63.1	58.1	52.7	63.6
\$75,000+	897	69.2	64.9	73.5	72.9	69.0	76.9

Definition: “Within past year (anytime less than 12 months ago)” response to the question “About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Had routine checkup by a doctor more than 1 year ago but less than 2 years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	13.2	11.6	14.8	13.4	11.7	15.1
REGION							
Central	554	13.5	8.6	18.5	14.0	9.2	18.7
Kansas City	945	14.3	11.3	17.3	14.5	11.3	17.8
Northeast	577	9.2	6.1	12.3	9.2	6.1	12.2
Northwest	594	11.0	7.3	14.8	11.4	7.6	15.2
Southeast	553	11.0	7.8	14.2	11.7	8.0	15.4
Southwest	549	12.3	8.5	16.2	11.8	8.2	15.5
St. Louis	730	14.8	11.0	18.7	15.0	10.9	19.0
GENDER							
Female	3096	14.2	12.1	16.3	14.8	12.4	17.1
Male	1895	12.0	9.6	14.5	12.1	9.6	14.6
RACE							
Black	435	6.7	3.3	10.1	6.6	3.4	9.9
Other	303	20.3	12.9	27.6	20.5	13.5	27.6
White	4215	13.2	11.5	15.0	13.5	11.6	15.4
EDUCATION							
<HS	527	13.2	7.5	18.9	12.9	7.9	17.8
HS	1750	11.4	9.1	13.8	11.5	9.0	14.0
>HS	2706	14.1	11.9	16.4	14.1	11.8	16.4
INCOME							
<\$15,000	542	12.3	6.6	17.9	12.6	7.2	17.9
\$15-24,999	843	14.1	9.3	18.8	14.5	9.9	19.1
\$25-34,999	594	11.5	7.7	15.4	12.3	7.8	16.8
\$35-49,999	741	15.7	11.1	20.4	15.6	10.9	20.4
\$50-74,999	687	13.9	9.8	18.0	13.5	9.3	17.7
\$75,000+	897	13.7	10.5	16.9	12.6	9.4	15.8

Definition: “Within past two years (1 year but less than 2 years ago)” response to the question “About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Had routine checkup by a doctor more than 2 years ago but less than 5 years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	11.0	9.4	12.6	11.3	9.7	13.0
REGION							
Central	554	9.5	6.1	12.8	9.7	6.2	13.1
Kansas City	945	10.2	7.3	13.1	11.0	7.5	14.4
Northeast	577	8.4	5.5	11.3	8.9	5.6	12.3
Northwest	594	11.1	6.7	15.5	10.3	6.5	14.0
Southeast	553	8.0	4.7	11.3	8.4	4.8	12.1
Southwest	549	12.2	8.5	15.9	12.4	8.3	16.4
St. Louis	730	12.8	8.8	16.8	13.6	9.4	17.8
GENDER							
Female	3096	7.6	6.2	8.9	7.8	6.3	9.2
Male	1895	14.8	11.9	17.7	15.0	12.1	17.9
RACE							
Black	435	7.7	3.2	12.1	7.9	3.2	12.6
Other	303	9.5	4.9	14.0	9.1	4.5	13.7
White	4215	11.5	9.7	13.3	12.0	10.1	13.9
EDUCATION							
<HS	527	8.0	4.8	11.2	10.6	6.6	14.6
HS	1750	9.4	6.9	11.9	10.1	7.2	13.0
>HS	2706	12.5	10.2	14.7	12.	9.9	14.5
INCOME							
<\$15,000	542	11.7	5.6	17.8	12.0	6.5	17.4
\$15-24,999	843	12.3	8.6	16.0	12.8	8.9	16.8
\$25-34,999	594	5.8	3.5	8.0	6.4	3.5	9.3
\$35-49,999	741	10.4	6.1	14.7	9.3	5.7	12.9
\$50-74,999	687	15.9	10.8	20.9	14.9	10.3	19.5
\$75,000+	897	10.4	7.4	13.5	8.8	6.2	11.5

Definition: “Within past 5 years (2 years but less than 5 years ago)” response to the question “About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Had routine checkup by a doctor 5 or more years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	9.3	8.0	10.5	9.6	8.2	11.0
REGION							
Central	554	9.8	6.0	13.6	9.6	5.8	13.3
Kansas City	945	7.8	5.7	10.0	8.4	5.9	10.8
Northeast	577	17.2	11.3	23.2	18.2	12.2	24.2
Northwest	594	12.9	9.1	16.8	12.4	8.8	15.9
Southeast	553	12.8	8.9	16.6	13.6	9.3	17.9
Southwest	549	8.9	5.6	12.2	9.3	5.6	13.0
St. Louis	730	8.3	5.5	11.2	8.6	5.6	11.6
GENDER							
Female	3096	6.9	5.7	8.2	7.2	5.8	8.5
Male	1895	11.8	9.6	14.1	12.1	9.7	14.5
RACE							
Black	435	5.9	2.7	9.2	6.2	2.6	9.8
Other	303	8.6	3.6	13.5	9.0	3.9	14.1
White	4215	9.6	8.2	11.0	9.9	8.4	11.5
EDUCATION							
<HS	527	11.4	6.6	16.1	14.5	8.3	20.7
HS	1750	10.7	8.4	12.9	11.5	8.9	14.2
>HS	2706	8.1	6.5	9.7	8.0	6.3	9.7
INCOME							
<\$15,000	542	10.5	6.0	15.0	11.4	6.5	16.4
\$15-24,999	843	12.5	9.0	15.9	14.3	10.2	18.5
\$25-34,999	594	10.7	6.6	14.7	12.3	7.6	17.1
\$35-49,999	741	9.1	6.3	12.0	8.4	5.9	10.9
\$50-74,999	687	11.2	7.3	15.0	11.7	7.5	15.9
\$75,000+	897	5.5	3.3	7.8	4.6	2.7	6.5

Definition: “5 or more years ago” response to the question “About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 4 – Health Care Access

Never had routine checkup by a doctor

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 4.4.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4991	2.7	2.0	3.4	2.8	2.1	3.5
REGION							
Central	554	2.2	0.9	3.6	2.4	0.9	4.0
Kansas City	945	2.8	1.6	4.1	2.8	1.6	4.1
Northeast	577	5.3	2.8	7.8	5.7	3.0	8.3
Northwest	594	2.5	0.1	4.9	2.9	0.0	6.4
Southeast	553	1.5	0.2	2.8	1.4	0.2	2.7
Southwest	549	5.3	2.6	8.0	5.9	2.8	9.0
St. Louis	730	1.7	0.5	3.0	1.7	0.4	3.1
GENDER							
Female	3096	2.1	1.4	2.8	2.1	1.4	2.9
Male	1895	3.4	2.2	4.6	3.4	2.3	4.6
RACE							
Black	435	0.6	0.0	1.4	0.6	0.0	1.4
Other	303	4.1	1.0	7.2	4.0	1.2	6.8
White	4215	2.7	2.0	3.5	2.8	2.0	3.6
EDUCATION							
<HS	527	4.8	1.5	8.1	6.9	2.5	11.3
HS	1750	3.8	2.4	5.2	4.3	2.6	5.9
>HS	2706	1.7	1.1	2.4	1.7	1.1	2.3
INCOME							
<\$15,000	542	2.9	1.3	4.6	3.2	1.3	5.1
\$15-24,999	843	3.0	1.6	4.5	3.3	1.6	5.0
\$25-34,999	594	4.9	1.4	8.4	6.0	1.9	10.1
\$35-49,999	741	3.5	1.3	5.7	3.4	1.4	5.3
\$50-74,999	687	1.7	0.4	3.1	1.8	0.1	3.5
\$75,000+	897	1.2	0.5	1.9	1.0	0.4	1.7

Definition: “Never” response to the question “About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 5 - Sleep

Did not get enough rest or sleep on 0 of the past 30 days *Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)*

Table 5.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5001	28.5	26.8	30.3	27.5	25.7	29.2
REGION							
Central	558	30.2	25.3	35.2	29.6	25.0	34.1
Kansas City	944	28.9	25.5	32.4	27.8	24.7	30.9
Northeast	578	35.5	29.8	41.3	32.9	27.0	38.7
Northwest	599	27.4	23.0	31.8	26.5	22.4	30.6
Southeast	550	31.3	26.5	36.1	29.0	24.1	33.9
Southwest	552	26.0	21.8	30.2	24.5	20.3	28.6
St. Louis	735	27.2	23.0	31.3	26.2	22.2	30.2
GENDER							
Female	3098	26.5	24.3	28.6	24.8	22.6	27.1
Male	1903	30.8	27.9	33.7	30.6	27.9	33.3
RACE							
Black	434	31.8	25.0	38.6	33.2	26.6	39.7
Other	300	27.3	20.3	34.3	29.8	23.0	36.6
White	4230	28.3	26.4	30.2	26.8	25.0	28.6
EDUCATION							
<HS	523	35.6	29.2	42.0	30.6	24.8	36.5
HS	1743	35.4	31.9	38.8	33.1	29.4	36.8
>HS	2726	23.4	21.3	25.5	24.0	22.1	26.0
INCOME							
<\$15,000	539	28.5	22.1	35.0	27.6	21.7	33.6
\$15-24,999	846	32.4	27.7	37.1	29.3	24.3	34.3
\$25-34,999	594	35.4	30.0	40.9	30.5	25.3	35.7
\$35-49,999	742	29.8	24.8	34.7	29.1	24.5	33.6
\$50-74,999	690	19.1	15.6	22.7	20.3	16.5	24.0
\$75,000+	900	23.8	20.3	27.3	24.1	20.9	27.3

Definition: "0" response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 5 - Sleep

Did not get enough rest or sleep on 1-6 days of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5001	28.8	26.8	30.8	29.1	27.0	31.3
REGION							
Central	558	31.6	25.9	37.2	31.2	25.9	36.6
Kansas City	944	29.4	25.6	33.2	29.7	25.6	33.8
Northeast	578	23.8	19.25	28.3	24.6	19.9	29.3
Northwest	599	25.7	20.7	30.68	25.7	20.13	31.34
Southeast	550	22.7	18.1	27.1	23.0	18.0	28.0
Southwest	552	27.5	22.7	32.4	27.5	22.4	32.6
St. Louis	735	30.8	26.0	35.7	31.3	26.2	36.4
GENDER							
Female	3098	28.3	25.8	30.7	28.7	25.9	31.4
Male	1903	29.3	26.1	32.6	29.5	26.2	32.8
RACE							
Black	434	25.3	19.2	31.4	24.7	19.0	30.4
Other	300	18.0	12.1	23.9	18.0	12.5	23.5
White	4230	30.2	27.9	32.4	30.6	28.2	33.0
EDUCATION							
<HS	523	17.0	11.6	22.5	17.0	11.6	22.3
HS	1743	24.8	21.6	28.1	25.4	21.7	29.1
>HS	2726	33.0	30.3	35.8	33.1	30.2	36.0
INCOME							
<\$15,000	539	18.8	13.5	24.1	19.4	14.3	24.5
\$15-24,999	846	18.5	14.4	22.6	19.1	14.5	23.9
\$25-34,999	594	23.8	18.7	28.9	24.5	18.5	30.5
\$35-49,999	742	28.3	22.8	33.7	30.0	23.8	36.2
\$50-74,999	690	35.5	30.1	40.9	35.8	30.4	41.3
\$75,000+	900	36.4	32.0	40.7	37.9	32.3	43.5

Definition: “1, 2, 3, 4, 5, or 6” response to the question “During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 5 - Sleep

Did not get enough rest or sleep on 7-13 days of the past 30 days *Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)*

Table 5.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5001	13.0	11.5	14.6	13.4	11.8	15.0
REGION							
Central	558	13.0	9.2	16.8	13.4	9.6	17.2
Kansas City	944	12.4	9.6	15.2	12.7	9.7	15.7
Northeast	578	10.7	7.2	14.2	11.0	7.3	14.7
Northwest	599	12.7	7.9	17.6	15.1	10.2	20.0
Southeast	550	13.1	9.4	16.8	13.9	9.7	18.0
Southwest	552	13.8	9.5	18.0	15.4	10.5	20.3
St. Louis	735	13.6	10.1	17.1	13.9	10.2	17.6
GENDER							
Female	3098	13.3	11.5	15.2	13.8	11.9	15.9
Male	1903	12.8	10.4	15.2	12.9	10.5	15.4
RACE							
Black	434	12.1	7.5	16.7	11.9	7.5	16.3
Other	300	15.7	9.5	21.8	15.5	9.4	21.6
White	4230	13.0	11.3	14.6	13.5	11.7	15.3
EDUCATION							
<HS	523	7.6	3.5	11.7	8.7	4.1	13.4
HS	1743	12.3	9.9	14.7	12.8	10.3	15.4
>HS	2726	14.4	12.3	16.5	14.4	12.2	16.7
INCOME							
<\$15,000	539	11.1	5.0	17.3	11.1	5.8	16.4
\$15-24,999	846	12.5	9.0	15.9	13.4	9.5	17.4
\$25-34,999	594	9.9	6.6	13.2	10.5	6.8	14.3
\$35-49,999	742	11.4	7.8	15.0	11.3	7.7	14.9
\$50-74,999	690	16.6	12.4	20.8	16.9	12.4	21.4
\$75,000+	900	16.3	12.9	19.8	15.5	11.4	19.5

Definition: “7, 8, 9, 10, 11, 12, or 13” response to the question “During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 5 - Sleep

Did not get enough rest or sleep on 14 or more of the past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 5.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5001	29.6	27.6	31.7	29.9	27.8	32.1
REGION							
Central	558	25.3	20.0	30.6	25.8	20.6	31.0
Kansas City	944	29.3	25.2	33.3	29.8	25.6	34.0
Northeast	578	30.0	24.8	35.2	31.5	25.9	37.2
Northwest	599	34.2	28.3	40.1	32.7	27.7	37.7
Southeast	550	32.9	27.9	38.0	34.2	28.8	39.6
Southwest	552	32.7	27.5	37.9	32.6	27.0	38.3
St. Louis	735	28.3	23.5	33.2	28.7	23.7	33.7
GENDER							
Female	3098	32.0	29.4	34.5	32.6	29.9	35.4
Male	1903	27.1	23.9	30.4	27.0	23.8	30.3
RACE							
Black	434	30.8	24.5	37.2	30.2	23.8	36.7
Other	300	39.0	30.5	47.6	36.7	29.3	44.0
White	4230	28.6	26.4	30.8	29.1	26.7	31.5
EDUCATION							
<HS	523	39.7	32.3	47.1	43.7	36.3	51.1
HS	1743	27.5	24.0	30.9	28.7	24.8	32.5
>HS	2726	29.1	26.4	31.8	28.5	25.7	31.2
INCOME							
<\$15,000	539	41.5	34.1	49.0	41.9	34.8	49.0
\$15-24,999	846	36.7	31.1	42.4	38.2	32.7	43.6
\$25-34,999	594	30.9	24.8	36.9	34.4	27.6	41.3
\$35-49,999	742	30.6	25.0	36.2	29.6	23.3	35.8
\$50-74,999	690	28.8	23.8	33.7	27.0	22.7	31.3
\$75,000+	900	23.5	19.6	27.5	22.5	17.6	27.5

Definition: "14" or greater response to the question "During the past 30 days, for about how many days have you felt you did not get enough rest or sleep?"

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

No leisure time physical activity or exercise in past month

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5057	26.7	24.8	28.5	26.0	24.2	27.9
REGION							
Central	565	27.9	23.0	32.8	27.7	23.1	32.4
Kansas City	956	25.2	21.6	28.7	24.3	20.7	27.8
Northeast	589	28.5	22.9	34.1	28.0	21.9	34.1
Northwest	606	30.8	25.4	36.2	30.7	24.6	36.8
Southeast	558	29.8	25.2	34.4	28.7	23.9	33.4
Southwest	556	28.0	23.1	33.0	27.8	22.4	33.1
St. Louis	736	24.1	19.8	28.4	23.2	18.9	27.6
GENDER							
Female	3128	28.9	26.6	31.2	27.6	25.2	29.9
Male	1919	24.3	21.4	27.3	24.2	21.3	27.2
RACE							
Black	441	40.0	33.0	47.1	40.0	32.7	47.3
Other	305	27.6	20.4	34.9	27.3	20.5	34.1
White	4272	25.3	23.3	27.3	24.4	22.4	26.4
EDUCATION							
<HS	536	42.4	35.6	49.1	44.5	38.0	51.0
HS	1770	32.0	28.7	35.3	31.4	27.6	35.1
>HS	2742	20.9	18.6	23.3	20.7	18.5	23.0
INCOME							
<\$15,000	553	40.5	33.5	47.6	40.8	34.0	47.5
\$15-24,999	854	40.4	35.0	45.8	39.3	33.5	45.1
\$25-34,999	599	31.0	25.4	36.5	29.8	23.6	36.0
\$35-49,999	747	27.0	21.8	32.2	25.5	21.1	29.8
\$50-74,999	694	20.1	16.0	24.3	20.6	16.7	24.6
\$75,000+	905	13.9	10.8	17.0	13.9	10.8	17.0

Definition: “No” response to the question “During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

Mostly sit or stand while at work

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2313	63.1	60.2	66.0	62.7	59.6	65.9
REGION							
Central	266	58.6	51.0	66.2	61.1	53.0	69.1
Kansas City	448	65.0	59.4	70.6	62.6	56.4	68.7
Northeast	293	47.3	40.2	54.3	47.1	39.1	55.1
Northwest	292	63.1	55.4	70.7	65.0	57.3	72.8
Southeast	226	47.4	39.4	55.4	49.5	41.4	57.5
Southwest	225	60.2	52.3	68.0	56.4	48.5	64.4
St. Louis	335	70.7	63.9	77.5	71.2	63.7	78.8
GENDER							
Female	1314	70.6	67.1	74.1	69.1	64.9	73.2
Male	999	56.4	51.9	60.8	57.1	52.5	61.8
RACE							
Black	176	57.1	46.8	67.5	57.8	48.8	66.9
Other	126	67.8	56.7	78.9	72.2	62.7	81.6
White	1991	63.3	60.1	66.5	63.1	59.7	66.5
EDUCATION							
<HS	115	26.2	15.7	36.7	30.5	19.6	41.4
HS	703	51.3	45.6	57.0	51.2	45.2	57.2
>HS	1493	71.1	67.7	74.5	70.6	66.6	74.5
INCOME							
<\$15,000	78	50.5	33.6	67.4	49.5	33.9	65.1
\$15-24,999	254	36.0	27.3	44.6	39.0	31.5	46.4
\$25-34,999	266	59.7	50.7	68.6	61.2	52.5	69.9
\$35-49,999	404	58.2	50.5	65.8	63.1	56.1	70.1
\$50-74,999	482	62.2	56.0	68.4	60.0	52.6	67.4
\$75,000+	648	79.2	75.2	83.2	69.8	66.1	73.4

Definition: “Employed for wages” or “Self-employed” response to the question “Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired”? AND “Mostly sitting or standing” to “When you are at work, which of the following best describes what you do?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

Mostly walk while at work

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2313	21.3	18.9	23.8	22.1	19.3	24.9
REGION							
Central	266	25.7	18.8	32.5	26.1	18.7	33.5
Kansas City	448	20.9	16.3	25.6	24.2	18.4	29.9
Northeast	293	28.1	21.5	34.6	26.9	19.7	34.2
Northwest	292	22.2	16.0	28.5	23.8	16.9	30.6
Southeast	226	26.4	19.5	33.3	23.3	17.3	29.3
Southwest	225	19.9	13.9	25.8	22.0	15.1	29.0
St. Louis	335	18.3	12.6	24.1	18.8	12.1	25.5
GENDER							
Female	1314	23.3	20.1	26.5	25.7	21.8	29.7
Male	999	19.6	16.0	23.2	19.1	15.2	23.1
RACE							
Black	176	30.7	20.8	40.6	30.3	20.0	40.6
Other	126	20.6	10.9	30.3	19.2	10.6	27.7
White	1991	20.7	18.1	23.3	21.4	18.5	24.4
EDUCATION							
<HS	115	34.0	22.2	45.8	35.6	24.0	47.2
HS	703	21.9	17.6	26.2	21.8	17.2	26.5
>HS	1493	20.1	17.1	23.2	21.0	17.3	24.8
INCOME							
<\$15,000	78	28.5	13.5	43.5	29.3	16.3	42.2
\$15-24,999	254	34.7	25.0	44.4	33.7	24.8	42.7
\$25-34,999	266	22.8	15.8	29.8	21.4	15.1	27.7
\$35-49,999	404	19.3	13.4	25.2	18.8	13.1	24.5
\$50-74,999	482	21.6	16.7	26.6	25.7	18.9	32.5
\$75,000+	648	15.5	11.9	19.1	20.8	13.1	28.6

Definition: “Employed for wages” or “Self-employed” response to the question “Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired”? AND “Mostly walking” to “When you are at work, which of the following best describes what you do?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

Mostly do heavy labor or physically demanding work

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2313	15.6	13.3	17.9	15.1	12.7	17.6
REGION							
Central	266	15.8	10.0	21.5	12.8	8.3	17.3
Kansas City	448	14.1	9.7	18.5	13.3	8.2	18.4
Northeast	293	24.7	18.5	30.8	26.0	18.6	33.3
Northwest	292	14.7	8.6	20.7	11.2	6.7	15.7
Southeast	226	26.2	18.2	34.3	27.2	19.6	34.8
Southwest	225	20.0	13.0	26.9	21.6	13.8	29.3
St. Louis	335	11.0	6.2	15.9	10.0	5.6	14.3
GENDER							
Female	1314	6.1	4.1	8.1	5.2	3.5	6.9
Male	999	24.1	20.3	27.9	23.7	19.7	27.8
RACE							
Black	176	12.2	6.2	18.2	11.8	4.8	18.9
Other	126	11.6	4.3	19.0	8.7	3.1	14.3
White	1991	16.0	13.5	18.6	15.5	12.9	18.1
EDUCATION							
<HS	115	39.8	26.4	53.2	33.9	23.6	44.2
HS	703	26.8	21.4	32.2	27.0	21.4	32.5
>HS	1493	8.8	6.9	10.7	8.4	6.3	10.4
INCOME							
<\$15,000	78	21.0	7.0	35.0	21.3	9.6	32.9
\$15-24,999	254	29.3	20.4	38.3	27.3	19.7	34.9
\$25-34,999	266	17.5	9.7	25.4	17.4	9.8	25.1
\$35-49,999	404	22.5	15.8	29.3	18.1	13.1	23.0
\$50-74,999	482	16.2	11.1	21.2	14.3	9.6	19.0
\$75,000+	648	5.3	3.2	7.4	9.4	2.1	16.7

Definition: “Employed for wages” or “Self-employed” response to the question “Are you currently employed for wages, self-employed, out of work for more than 1 year, out of work for less than 1 year, a homemaker, a student, or retired”? AND “Mostly heavy labor or physically demanding work” to “When you are at work, which of the following best describes what you do?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

*Are moderately physically active for 30 or more total minutes on 5 or more days of the week
when not at work*

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4592	39.5	37.3	41.7	40.1	37.8	42.5
REGION							
Central	521	34.6	28.9	40.3	34.3	28.4	40.3
Kansas City	868	38.1	34.0	42.3	39.3	34.7	43.9
Northeast	540	38.5	33.2	43.7	39.3	33.4	45.1
Northwest	547	41.5	35.4	47.6	43.3	36.5	50.0
Southeast	509	42.9	37.3	48.5	43.8	38.0	49.6
Southwest	515	43.1	37.6	48.7	43.4	37.6	49.2
St. Louis	663	39.6	34.3	44.8	40.5	35.0	45.9
GENDER							
Female	2854	40.3	37.6	43.1	41.3	38.2	44.3
Male	1738	38.5	35.0	42.1	39.0	35.3	42.6
RACE							
Black	380	25.3	19.2	31.4	25.2	19.4	30.9
Other	253	44.8	35.4	54.1	44.3	35.7	53.0
White	3928	40.3	37.9	42.7	41.1	38.5	43.6
EDUCATION							
<HS	458	33.2	25.9	40.6	35.2	27.7	42.7
HS	1587	38.4	34.6	42.2	38.9	34.6	43.2
>HS	2541	41.1	38.2	44.0	41.7	38.6	44.8
INCOME							
<\$15,000	491	37.4	29.2	45.7	36.6	29.4	43.9
\$15-24,999	771	36.6	31.0	42.2	38.0	32.0	44.1
\$25-34,999	554	39.6	33.5	45.7	42.7	35.5	50.0
\$35-49,999	691	39.0	33.2	44.8	37.8	31.8	43.7
\$50-74,999	651	42.8	37.3	48.3	41.9	36.3	47.5
\$75,000+	847	40.6	36.1	45.1	43.2	38.5	47.9

Definition: Among all adults, “Yes” or “No” response to “Do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?” AND “5, 6, or 7” to “How many days per week do you do these moderate activities for at least 10 minutes at a time?” AND “30 minutes” or greater response to “On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

***Are vigorously physically active for 20 or more total minutes on 3 or more days of the week
when not at work***

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4655	27.8	25.6	29.9	28.9	26.6	31.1
REGION							
Central	527	26.5	20.9	32.2	26.7	21.2	32.2
Kansas City	875	28.0	23.9	32.2	28.9	24.4	33.4
Northeast	542	22.8	18.3	27.3	23.9	18.7	29.1
Northwest	559	26.0	19.9	32.0	26.1	19.5	32.6
Southeast	514	26.9	21.6	32.3	29.0	23.2	34.7
Southwest	525	31.5	26.1	36.9	32.5	26.6	38.5
St. Louis	671	28.1	23.1	33.2	29.3	24.1	34.5
GENDER							
Female	2902	24.2	21.6	26.8	25.6	22.7	28.4
Male	1753	31.7	28.3	35.1	32.4	28.9	35.9
RACE							
Black	384	23.6	16.4	30.8	24.7	17.3	32.0
Other	264	36.4	27.4	45.4	37.3	29.3	45.3
White	3976	27.5	25.2	29.8	28.6	26.2	31.1
EDUCATION							
<HS	474	32.7	24.0	41.3	31.7	24.4	39.0
HS	1615	22.4	19.0	25.8	24.5	20.7	28.2
>HS	2559	30.0	27.3	32.7	29.6	26.8	32.5
INCOME							
<\$15,000	500	22.5	14.6	30.4	23.1	15.9	30.4
\$15-24,999	787	19.3	14.7	23.8	20.1	15.1	25.1
\$25-34,999	561	19.9	15.1	24.7	22.6	16.5	28.7
\$35-49,999	696	29.8	23.9	35.6	30.0	23.4	36.7
\$50-74,999	658	27.2	22.3	32.2	26.7	21.5	31.8
\$75,000+	852	37.3	32.7	41.8	40.0	35.7	44.3

Definition: Among all adults, “Yes” or “No” response to “Do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increases in breathing or heart rate?” AND “3, 4, 5, 6, or 7” days response to “How many days per week do you do these vigorous activities for at least 10 minutes at a time?” AND “20 or greater minutes response to “On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 6 – Exercise and Physical Activity

**Meet CDC recommendation of 30 minutes moderate activity 5 or more days of the week
or 20 minutes vigorous activity 3 or more days of the week**

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 6.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4573	50.0	47.7	52.2	51.0	48.7	53.3
REGION							
Central	518	45.3	39.4	51.2	45.1	38.9	51.2
Kansas City	867	47.1	42.8	51.4	47.8	43.0	52.5
Northeast	538	45.5	40.2	50.9	47.1	41.1	53.1
Northwest	542	53.1	47.1	59.1	55.0	49.6	60.4
Southeast	504	53.4	47.9	58.9	55.6	49.9	61.3
Southwest	512	54.2	48.6	59.8	55.3	49.3	61.3
St. Louis	662	51.1	45.8	56.3	52.5	47.3	57.6
GENDER							
Female	2842	48.2	45.4	50.9	49.4	46.5	52.4
Male	1731	51.9	48.3	55.5	52.6	49.1	56.1
RACE							
Black	375	38.4	30.8	46.0	39.3	31.4	47.2
Other	252	57.5	48.6	66.3	57.0	48.6	65.3
White	3916	50.4	48.0	52.8	51.5	49.1	54.0
EDUCATION							
<HS	456	51.1	43.4	58.8	51.0	44.1	57.9
HS	1577	46.0	42.1	49.9	47.4	43.2	51.6
>HS	2534	52.0	49.1	54.9	52.2	49.1	55.3
INCOME							
<\$15,000	490	48.3	40.2	56.4	47.9	41.4	54.4
\$15-24,999	766	43.2	37.5	48.8	44.6	38.4	50.7
\$25-34,999	552	47.5	41.4	53.7	51.0	43.9	58.1
\$35-49,999	691	50.4	44.4	56.4	50.5	44.0	57.1
\$50-74,999	651	53.2	47.6	58.7	52.6	46.9	58.4
\$75,000+	844	54.3	49.7	59.0	56.4	52.0	60.8

Definition: Among all adults, either moderately or vigorously active according to 6.3 and 6.4 definitions.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 7 Fruit and Vegetable Consumption

Ate five or more fruits and vegetables per day

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4791	19.9	18.2	21.6	19.3	17.5	21.0
REGION							
Central	540	19.1	15.1	23.2	19.2	15.2	23.1
Kansas City	899	18.0	14.9	21.2	18.0	14.4	21.7
Northeast	564	18.8	14.8	22.7	17.8	13.6	21.9
Northwest	573	19.7	14.9	24.6	20.0	14.3	25.7
Southeast	534	18.9	14.6	23.2	18.5	13.9	23.1
Southwest	535	20.0	15.8	24.3	18.3	14.5	22.2
St. Louis	693	21.8	17.6	26.0	20.6	16.4	24.8
GENDER							
Female	2985	26.6	24.1	29.0	25.7	23.0	28.4
Male	1806	12.4	10.3	14.6	12.2	10.1	14.4
RACE							
Black	402	20.5	13.9	27.0	21.1	14.3	27.9
Other	280	24.0	16.5	31.6	24.2	16.9	31.5
White	4073	19.4	17.6	21.2	18.6	16.8	20.4
EDUCATION							
<HS	494	15.3	9.5	21.0	14.0	8.6	19.3
HS	1666	18.1	15.1	21.1	17.5	14.2	20.9
>HS	2624	21.7	19.4	23.9	21.2	19.0	23.4
INCOME							
<\$15,000	523	18.8	12.0	25.6	17.4	11.8	23.1
\$15-24,999	806	17.3	13.6	21.0	16.5	12.5	20.6
\$25-34,999	572	15.6	11.8	19.3	13.3	9.6	17.0
\$35-49,999	714	18.0	13.9	22.2	17.0	13.5	20.5
\$50-74,999	672	20.1	15.9	24.3	19.8	15.6	23.9
\$75,000+	867	23.0	19.2	26.9	23.7	18.6	28.9

Definition: Calculated from the responses to “How often do you drink fruit juices such as orange, grapefruit or tomato?” AND “Not counting juice, how often do you eat fruit?” AND “How often do you eat green salad?” AND “How often do you eat potatoes not including French fries, fried potatoes, or potato chips?” AND “How often do you eat carrots?” AND “Not counting carrots, potatoes, or salad, how many servings of vegetables do you usually eat? (Example: A serving of vegetables at both lunch and dinner would be two servings.)”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 8 Overweight and Obesity

Overweight

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4903	35.0	33.0	37.0	34.8	32.7	36.9
REGION							
Central	543	37.5	31.8	43.2	37.7	31.9	43.4
Kansas City	925	33.3	29.6	37.1	32.6	29.0	36.3
Northeast	569	37.8	32.4	43.1	38.1	32.7	43.5
Northwest	581	35.9	30.4	41.4	34.7	29.1	40.3
Southeast	546	38.2	32.9	43.4	38.3	32.6	43.9
Southwest	540	34.3	29.1	39.5	35.1	29.3	40.9
St. Louis	720	33.6	28.8	38.3	33.3	28.5	38.1
GENDER							
Female	2992	29.3	26.9	31.7	28.8	26.2	31.3
Male	1911	41.0	37.7	44.3	41.0	37.7	44.3
RACE							
Black	423	29.6	23.4	35.7	29.0	23.4	34.6
Other	290	30.9	23.3	38.6	32.3	24.9	39.7
White	4155	35.8	33.6	38.1	35.6	33.3	38.0
EDUCATION							
<HS	516	32.4	25.8	39.1	29.9	23.4	36.5
HS	1718	34.5	31.0	38.0	34.0	30.3	37.7
>HS	2664	35.8	33.0	38.5	35.7	33.0	38.5
INCOME							
<\$15,000	536	27.3	21.5	33.0	27.2	21.8	32.7
\$15-24,999	838	27.3	22.8	31.8	26.3	21.6	31.0
\$25-34,999	584	38.5	32.6	44.4	39.1	32.5	45.8
\$35-49,999	732	36.0	30.7	41.4	36.2	30.6	41.8
\$50-74,999	678	38.4	33.0	43.8	38.0	32.4	43.6
\$75,000+	885	39.3	34.9	43.7	39.1	33.7	44.6

Definition: Adult reported height and weight converted to Body Mass Index (BMI).
Overweight is a BMI of 25.0 through 29.99.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 8 Overweight and Obesity

Obese

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 8.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4903	30.6	28.6	32.6	30.1	28.1	32.2
REGION							
Central	543	27.1	22.2	32.1	27.0	22.2	31.8
Kansas City	925	28.6	24.9	32.3	27.5	24.1	31.0
Northeast	569	30.8	25.8	35.9	30.8	25.5	36.1
Northwest	581	37.3	31.4	43.2	36.2	31.0	41.5
Southeast	546	33.6	28.4	38.7	33.9	28.3	39.5
Southwest	540	33.6	28.3	38.9	32.8	27.3	38.4
St. Louis	720	29.3	24.6	34.1	28.6	23.7	33.5
GENDER							
Female	2992	29.0	26.7	31.4	28.7	26.3	31.0
Male	1911	32.2	28.9	35.4	31.6	28.3	34.8
RACE							
Black	423	42.5	35.6	49.5	42.0	35.3	48.6
Other	290	29.0	21.7	36.4	28.7	22.0	35.3
White	4155	29.7	27.5	31.9	29.1	26.8	31.4
EDUCATION							
<HS	516	35.7	28.7	42.7	39.4	32.2	46.7
HS	1718	32.1	28.6	35.5	32.1	28.3	36.0
>HS	2664	28.9	26.2	31.5	27.6	25.2	30.1
INCOME							
<\$15,000	536	35.8	29.0	42.5	38.2	31.9	44.4
\$15-24,999	838	40.5	35.0	46.0	42.3	36.3	48.2
\$25-34,999	584	29.5	24.0	35.1	29.2	23.1	35.4
\$35-49,999	732	30.6	24.9	36.2	30.3	23.9	36.7
\$50-74,999	678	29.7	24.7	34.6	28.2	23.4	32.9
\$75,000+	885	27.9	23.8	32.0	24.6	20.9	28.4

Definition: Adult reported height and weight converted to Body Mass Index (BMI).
Obesity is a BMI of 30.0 and greater.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 9 – Tobacco Use

Has never smoked cigarettes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5042	52.1	50.0	54.3	52.7	50.4	55.0
REGION							
Central	564	53.9	48.2	59.6	54.0	48.5	59.4
Kansas City	954	52.7	48.5	56.8	53.3	48.9	57.7
Northeast	588	50.8	45.0	56.5	51.0	45.0	56.9
Northwest	604	53.6	47.7	59.4	54.1	47.7	60.5
Southeast	556	47.9	42.5	53.2	47.3	41.7	52.9
Southwest	554	52.5	47.1	57.9	53.5	47.8	59.2
St. Louis	734	53.0	47.9	58.2	53.5	48.1	58.9
GENDER							
Female	3128	58.4	55.8	61.0	58.9	56.1	61.8
Male	1919	45.4	42.0	48.9	45.7	42.3	49.2
RACE							
Black	438	55.1	48.2	61.9	55.5	49.0	61.9
Other	305	48.6	40.2	57.0	48.9	40.9	56.9
White	4261	52.2	49.9	54.6	52.7	50.3	55.2
EDUCATION							
<HS	533	37.7	30.6	44.8	32.7	26.3	39.0
HS	1763	44.6	40.9	48.2	44.8	40.8	48.9
>HS	2737	58.9	56.1	61.7	59.4	56.5	62.3
INCOME							
<\$15,000	550	41.0	33.3	48.67	39.0	32.4	45.7
\$15-24,999	853	42.5	37.1	47.9	41.2	35.4	47.0
\$25-34,999	597	39.7	34.0	45.4	39.0	32.4	45.6
\$35-49,999	746	47.2	41.4	53.0	46.7	40.5	53.0
\$50-74,999	689	53.7	48.3	59.1	54.7	49.3	60.1
\$75,000+	905	64.9	60.7	69.1	66.8	63.0	70.7

Definition: “No” response to question “Have you smoked at least 100 cigarettes in your lifetime?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 9 – Tobacco Use

Currently smokes cigarettes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5042	23.1	21.2	25.0	23.3	21.3	25.3
REGION							
Central	564	21.0	16.1	25.9	20.9	16.1	25.6
Kansas City	954	23.7	20.1	27.2	23.6	19.9	27.3
Northeast	588	24.5	18.5	30.6	25.3	19.7	30.8
Northwest	604	19.7	15.0	24.3	19.1	14.6	23.5
Southeast	556	26.5	21.7	31.4	28.4	23.1	33.7
Southwest	554	23.3	18.5	28.0	23.4	18.2	28.5
St. Louis	734	21.2	16.6	25.8	20.9	16.3	25.6
GENDER							
Female	3128	22.0	19.6	24.3	22.3	19.7	24.8
Male	1919	24.3	21.3	27.4	24.3	21.2	27.4
RACE							
Black	438	27.1	21.1	33.2	27.1	21.1	33.1
Other	305	29.0	21.0	37.1	28.8	21.2	36.4
White	4261	22.2	20.1	24.2	22.4	20.2	24.6
EDUCATION							
<HS	533	38.0	31.1	45.7	46.6	39.6	53.5
HS	1763	30.0	26.8	33.9	31.9	27.9	35.8
>HS	2737	16.4	14.2	18.6	15.9	13.5	18.2
INCOME							
<\$15,000	550	34.5	27.8	41.2	37.0	30.6	43.4
\$15-24,999	853	37.1	31.56	42.6	40.8	34.8	46.7
\$25-34,999	597	25.3	19.9	30.8	27.2	21.2	33.2
\$35-49,999	746	25.8	19.9	31.7	26.2	20.3	32.2
\$50-74,999	689	21.2	16.6	25.8	19.8	15.3	24.4
\$75,000+	905	11.1	8.5	13.7	9.8	7.4	12.2

Definition: “Yes” response to question “Have you smoked at least 100 cigarettes in your lifetime?” AND “Every day” OR “Some days” response to “Do you now smoke cigarettes every day, some days or not at all?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 9 – Tobacco Use

Formerly smoked cigarettes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5042	24.8	23.0	26.5	24.0	22.3	25.7
REGION							
Central	564	25.1	20.6	29.7	25.2	20.8	29.5
Kansas City	954	23.7	20.2	27.2	23.1	19.4	26.8
Northeast	588	24.7	20.5	29.0	23.8	19.7	27.8
Northwest	604	26.8	21.7	31.9	26.9	21.0	32.8
Southeast	556	25.6	21.1	30.1	24.3	19.7	28.9
Southwest	554	24.2	20.2	28.4	23.2	19.3	27.1
St. Louis	734	25.7	21.6	29.9	25.5	21.5	29.6
GENDER							
Female	3128	19.7	17.8	21.6	18.8	17.0	20.7
Male	1919	30.2	27.3	33.2	30.0	27.2	32.8
RACE							
Black	438	17.8	13.1	22.5	17.4	13.1	21.8
Other	305	22.4	15.7	29.1	22.3	16.2	28.4
White	4261	25.6	23.7	27.6	24.9	23.0	26.7
EDUCATION							
<HS	533	23.9	18.9	28.9	20.8	16.4	25.1
HS	1763	25.1	22.2	28.1	23.3	20.3	26.3
>HS	2737	24.6	22.3	27.0	24.7	22.5	27.0
INCOME							
<\$15,000	550	24.5	19.0	30.0	24.0	18.8	29.2
\$15-24,999	853	20.4	17.0	23.8	18.1	14.7	21.4
\$25-34,999	597	35.0	29.2	40.8	33.8	27.0	40.5
\$35-49,999	746	27.0	22.1	31.9	27.0	22.5	31.6
\$50-74,999	689	25.1	20.7	29.5	25.5	21.3	29.7
\$75,000+	905	24.0	20.3	27.7	23.4	19.8	26.9

Definition: “Yes” response to question “Have you smoked at least 100 cigarettes in your lifetime?” AND “Not at all” response to “Do you now smoke cigarettes every day, some days or not at all?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 9 – Tobacco Use

Current cigarette smoking quit attempt

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1052	54.5	49.7	59.2	53.3	48.7	57.9
REGION							
Central	105	42.3	28.6	56.1	42.6	31.5	53.7
Kansas City	203	60.4	52.0	68.7	62.8	54.3	71.2
Northeast	122	39.5	25.5	53.5	38.3	27.7	48.9
Northwest	114	52.4	39.0	65.8	48.9	35.7	62.2
Southeast	132	53.0	42.1	63.8	52.4	41.5	63.4
Southwest	118	47.3	35.4	59.2	46.9	35.0	58.9
St. Louis	133	60.4	48.5	72.4	57.2	45.3	69.1
GENDER							
Female	638	55.7	49.8	61.6	54.4	48.8	59.9
Male	414	53.3	45.9	60.6	52.5	45.3	59.7
RACE							
Black	120	77.8	68.0	87.6	79.3	70.3	88.2
Other	66	66.6	51.1	82.1	59.5	46.8	72.3
White	858	50.2	44.9	55.6	48.7	43.4	54.0
EDUCATION							
<HS	166	58.2	46.2	70.2	53.5	43.7	63.4
HS	440	51.2	43.9	58.5	50.7	43.4	58.0
>HS	445	56.3	49.0	63.5	55.7	48.8	62.6
INCOME							
<\$15,000	183	53.2	41.7	64.6	53.5	42.9	64.0
\$15-24,999	237	51.4	41.1	61.7	51.2	41.6	60.9
\$25-34,999	126	55.2	42.6	67.7	53.1	41.0	65.1
\$35-49,999	153	52.5	38.6	66.4	50.6	41.5	59.7
\$50-74,999	133	63.8	52.8	74.9	65.0	53.7	76.3
\$75,000+	109	57.0	44.8	69.3	38.4	26.1	50.7

Definition: “Yes” response to question “Have you smoked at least 100 cigarettes in your lifetime?” AND “Every day” OR “Some days” response to “Do you now smoke cigarettes every day, some days or not at all?” AND “Yes” response to “During the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 9 – Tobacco Use

Currently use smokeless tobacco

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 9.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5056	5.4	4.3	6.5	5.5	4.3	6.7
REGION							
Central	565	6.8	3.4	10.3	6.8	3.4	10.1
Kansas City	956	3.9	2.1	5.7	3.5	1.9	5.2
Northeast	589	8.4	5.4	11.4	9.3	5.9	12.7
Northwest	606	8.3	4.2	12.3	9.6	4.6	14.6
Southeast	558	8.2	4.6	11.9	8.5	4.6	12.3
Southwest	555	8.5	5.1	11.9	9.0	5.2	12.8
St. Louis	736	3.1	0.7	5.6	3.3	0.7	5.9
GENDER							
Female	3133	0.7	0.3	1.1	0.7	0.3	1.1
Male	1923	10.4	8.1	12.6	10.4	8.1	12.7
RACE							
Black	441	1.1	0.3	1.9	1.1	0.3	2.0
Other	305	3.5	0.8	6.2	3.3	0.8	5.9
White	4271	6.0	4.7	7.3	6.2	4.8	7.6
EDUCATION							
<HS	536	10.2	3.7	16.6	9.6	4.5	14.7
HS	1770	6.5	4.6	8.4	7.1	4.8	9.3
>HS	2741	3.9	2.8	5.0	3.7	2.6	4.8
INCOME							
<\$15,000	553	4.9	1.3	8.4	5.2	1.7	8.6
\$15-24,999	854	5.6	2.7	8.5	5.9	2.9	8.8
\$25-34,999	599	3.9	1.3	6.5	4.1	1.1	7.1
\$35-49,999	747	9.1	4.8	13.4	9.1	3.9	14.4
\$50-74,999	694	4.9	2.8	7.0	4.7	2.6	6.9
\$75,000+	905	4.7	2.6	6.7	4.2	2.4	6.1

Definition: “Every day” or “Some days” response to the question “Do you currently use chewing tobacco, snuff or snus every day, some days or not at all?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 10 – Alcohol Consumption

Had at least one drink in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4984	50.1	48.0	52.3	50.6	48.4	52.9
REGION							
Central	560	49.6	43.8	55.4	50.5	45.1	55.9
Kansas City	939	50.4	46.2	54.5	50.7	46.2	55.1
Northeast	583	42.3	36.8	47.8	43.2	37.7	48.7
Northwest	596	49.7	43.8	55.6	51.9	46.9	56.9
Southeast	555	39.8	34.5	45.2	41.4	35.7	47.0
Southwest	552	42.5	37.1	48.0	42.9	36.9	48.8
St. Louis	723	58.0	52.9	63.1	58.8	53.6	64.1
GENDER							
Female	3091	44.1	41.4	46.8	45.4	42.5	48.3
Male	1893	56.7	53.3	60.1	56.5	53.1	60.0
RACE							
Black	429	45.5	38.4	52.7	45.6	38.2	52.9
Other	297	46.1	37.6	54.6	44.9	36.7	53.2
White	4221	51.1	48.8	53.5	51.8	49.4	54.3
EDUCATION							
<HS	524	21.6	15.7	27.5	23.1	17.2	29.0
HS	1742	43.6	39.9	47.3	44.5	40.5	48.6
>HS	2711	58.8	56.0	61.5	58.7	55.8	61.5
INCOME							
<\$15,000	544	34.0	26.4	41.7	33.7	26.9	40.4
\$15-24,999	838	34.9	29.6	40.3	36.0	30.3	41.8
\$25-34,999	594	42.8	36.7	49.0	45.8	39.3	52.3
\$35-49,999	738	50.9	45.0	56.7	50.1	43.6	56.6
\$50-74,999	693	62.4	57.4	67.4	60.5	55.3	65.8
\$75,000+	893	68.3	64.2	72.4	67.7	62.4	72.9

Definition: “Yes” response to the question “During the past 30 days have you had a least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 10 – Alcohol Consumption

Women that had more than 1 drink per day in past 30 days (heavy drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3062	3.7	2.6	4.8	3.9	2.6	5.3
REGION							
Central	341	3.1	1.3	4.9	3.1	1.2	4.9
Kansas City	579	4.0	2.1	6.0	4.2	2.0	6.5
Northeast	353	2.6	0.1	5.0	3.1	0.0	6.1
Northwest	355	1.5	0.2	2.7	1.4	0.3	2.6
Southeast	350	2.0	0.6	3.5	2.5	0.6	4.3
Southwest	326	4.2	1.4	7.1	3.6	1.2	6.0
St. Louis	464	3.5	0.7	6.3	3.9	0.8	6.9
GENDER							
Male							
Female	3062	3.7	2.6	4.8	3.9	2.6	5.3
RACE							
Black	285	4.7	0.0	9.5	4.9	0.6	9.2
Other	170	5.6	0.0	11.5	4.2	0.0	8.4
White	2583	3.4	2.3	4.6	3.7	2.2	5.2
EDUCATION							
<HS	334	4.6	0.0	11.1	4.2	0.0	8.9
HS	1062	2.9	1.3	4.4	3.7	1.5	5.9
>HS	1661	4.0	2.6	5.3	4.0	2.6	5.5
INCOME							
<\$15,000	391	7.8	0.0	15.7	7.0	0.9	13.2
\$15-24,999	540	2.0	0.0	4.3	2.6	0.0	5.8
\$25-34,999	362	5.3	1.2	9.5	6.7	1.4	11.9
\$35-49,999	401	3.2	1.3	5.1	3.3	1.3	5.4
\$50-74,999	391	2.0	0.5	3.5	1.9	0.6	3.2
\$75,000+	491	5.2	2.9	7.4	4.4	2.4	6.4

Definition: Among all women respondents, “Yes” or “No” response to the question “During the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?” AND “7” days per week AND “30” days in past 30 days responses to “During the past 30 days how many days per week or month did you have at least one drink of any alcoholic beverage” and “2” or greater response to “During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 10 – Alcohol Consumption

Men that had more than 2 drinks per day in past 30 days (heavy drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1853	4.7	3.3	6.1	4.7	3.3	6.1
REGION							
Central	209	5.5	1.9	9.0	5.2	1.9	8.5
Kansas City	349	7.1	2.8	11.3	7.3	2.6	12.1
Northeast	227	4.2	1.4	7.1	4.3	1.3	7.3
Northwest	234	5.2	1.8	8.6	5.4	1.9	9.0
Southeast	198	4.1	0.5	7.8	4.1	0.5	7.7
Southwest	220	5.9	1.6	10.1	6.5	1.4	11.7
St. Louis	244	2.5	0.6	4.5	2.4	0.7	4.2
GENDER							
Male	1833	4.7	3.3	6.1	4.7	3.3	6.1
Female							
RACE							
Black	134	4.6	0.0	9.1	4.5	0.0	8.9
Other	118	7.3	0.4	14.2	8.0	0.2	15.8
White	1588	4.5	3.1	5.9	4.4	3.0	5.9
EDUCATION							
<HS	183	1.9	0.0	4.1	1.5	0.0	3.0
HS	651	4.7	2.9	6.5	4.6	2.8	6.4
>HS	1017	5.2	3.0	7.3	5.4	3.0	7.7
INCOME							
<\$15,000	147	6.4	1.6	11.1	7.1	1.9	12.3
\$15-24,999	289	4.5	1.4	7.7	4.3	1.3	7.3
\$25-34,999	221	4.6	0.2	9.1	4.5	0.2	8.9
\$35-49,999	333	3.1	0.9	5.3	2.8	0.9	4.8
\$50-74,999	292	5.2	2.2	8.3	5.5	2.2	8.7
\$75,000+	397	4.4	1.3	7.5	6.2	0.3	12.1

Definition: Among all men respondents, “Yes” or “No” response to the question “During the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?” AND “7” days per week AND “30” days in past 30 days responses to “During the past 30 days how many days per week or month did you have at least one drink of any alcoholic beverage” and “3” or greater response to “During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 10 – Alcohol Consumption

Men that drank 5 or more drinks on 1 or more occasions in past 30 days (binge drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1868	22.5	19.4	25.7	22.8	19.7	25.9
REGION							
Central	213	23.9	16.5	31.4	23.3	16.2	30.3
Kansas City	351	21.9	15.4	28.5	22.7	16.2	29.2
Northeast	228	19.4	12.8	26.0	20.5	13.8	27.2
Northwest	234	21.8	11.8	31.8	21.2	12.8	29.6
Southeast	200	15.5	9.0	22.1	16.2	9.6	22.7
Southwest	221	21.7	13.8	29.6	21.2	13.5	28.9
St. Louis	246	24.6	17.0	32.1	25.8	17.8	33.8
GENDER							
Male	1868	22.5	19.4	25.7	22.8	19.7	25.9
RACE							
Black	138	18.2	9.2	27.2	19.7	10.8	28.6
Other	119	23.0	11.4	34.6	24.9	14.1	35.6
White	1598	23.0	19.5	26.4	23.2	19.8	26.7
EDUCATION							
<HS	186	10.6	5.1	16.2	10.4	5.2	15.6
HS	656	20.1	15.1	25.1	19.6	15.1	24.1
>HS	1024	26.1	21.7	30.5	27.1	22.7	31.5
INCOME							
<\$15,000	148	27.0	12.7	41.2	24.0	14.0	34.0
\$15-24,999	291	16.8	9.2	24.5	16.9	10.4	23.5
\$25-34,999	225	25.6	15.6	35.6	27.4	18.5	36.3
\$35-49,999	335	14.0	8.7	19.2	13.1	8.3	17.9
\$50-74,999	294	28.9	20.2	37.7	27.7	21.4	34.1
\$75,000+	398	28.8	22.2	35.3	29.1	21.6	36.5

Definition: Among all male respondents, “Yes” or “No” response to the question “In the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?” AND “1” or greater to “Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 10 – Alcohol Consumption

Women that drank 4 or more drinks on 1 or more occasions in past 30 days (binge drinking)

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 10.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	3078	12.3	10.3	14.4	13.4	11.2	15.7
REGION							
Central	341	9.6	4.8	14.5	10.1	5.1	15.1
Kansas City	585	12.3	8.0	16.6	13.8	9.2	18.3
Northeast	353	10.1	5.4	14.7	11.1	5.6	16.5
Northwest	358	11.2	5.5	16.9	17.7	8.6	26.7
Southeast	352	9.7	5.6	13.7	11.7	6.6	16.8
Southwest	328	12.0	6.6	17.4	14.1	7.9	20.3
St. Louis	464	13.6	8.8	18.4	14.8	9.6	20.0
GENDER							
Female	3078	12.3	10.3	14.4	13.4	11.2	15.7
Male							
RACE							
Black	287	10.2	3.3	17.0	10.7	3.8	17.6
Other	174	18.4	8.1	28.6	13.7	6.9	20.5
White	2593	12.1	9.9	14.3	13.4	10.9	15.9
EDUCATION							
<HS	335	9.1	2.3	16.0	10.9	4.9	16.9
HS	1068	10.7	7.3	14.1	14.2	9.7	18.8
>HS	1670	13.8	11.0	16.5	13.6	10.7	16.5
INCOME							
<\$15,000	391	13.3	5.2	21.5	13.5	6.5	20.5
\$15-24,999	540	10.2	5.3	15.1	11.7	6.3	17.1
\$25-34,999	366	12.3	6.7	17.9	16.8	10.4	23.3
\$35-49,999	400	11.7	6.9	16.5	11.3	6.6	15.9
\$50-74,999	394	15.2	9.4	21.0	14.0	8.7	19.3
\$75,000+	492	16.9	11.9	21.9	18.8	12.1	25.4

Definition: Among all female respondents, “Yes” or “No” response to the question “In the past 30 days have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?” AND “1” or greater to “Considering all types of alcoholic beverages, how many times during the past 30 days did you have 4 or more drinks on an occasion?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 11 - Immunization

Age 18 and older – Had flu shot in past 12 months

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 11.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4932	39.2	37.2	41.2	37.6	35.6	39.6
REGION							
Central	555	40.5	34.9	46.1	40.2	34.8	45.6
Kansas City	931	36.5	32.7	40.3	35.2	31.4	39.1
Northeast	578	40.7	35.7	45.7	37.6	32.2	43.0
Northwest	591	39.6	34.0	45.2	37.5	32.8	42.2
Southeast	552	37.8	32.8	42.8	35.6	30.5	40.6
Southwest	548	39.1	34.1	44.2	36.7	31.6	41.8
St. Louis	711	40.4	35.6	45.2	37.9	33.3	42.5
GENDER							
Female	3067	42.6	40.1	45.2	40.6	37.9	43.2
Male	1865	35.4	32.3	38.5	34.7	31.7	37.7
RACE							
Black	422	31.6	25.4	37.8	31.9	25.6	38.2
Other	294	37.7	29.8	45.6	39.1	31.2	47.0
White	4180	40.1	37.9	42.3	38.0	35.8	40.2
EDUCATION							
<HS	521	38.3	31.7	44.9	33.5	27.3	39.8
HS	1718	36.9	33.6	40.2	32.3	29.0	35.5
>HS	2686	40.5	37.8	43.2	41.2	38.4	44.0
INCOME							
<\$15,000	539	34.5	27.5	41.4	32.2	25.9	38.4
\$15-24,999	829	35.9	31.2	40.6	31.2	26.4	36.0
\$25-34,999	586	40.4	34.8	46.1	33.0	27.6	38.5
\$35-49,999	734	35.1	30.2	39.9	36.2	31.3	41.0
\$50-74,999	688	37.5	32.5	42.6	38.0	33.2	42.9
\$75,000+	885	44.7	40.2	49.2	47.6	42.0	53.1

Definition: All adults - “Yes” response to the question, “During the past 12 months, have you had a flu shot”?

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 11 - Immunization

Age 65 and older – Had flu shot in past 12 months

Crude Prevalence With 95% Confidence Intervals (CI)

Table 11.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1632	72.5	69.75	75.27
REGION				
Central	191	73.4	66.67	80.13
Kansas City	293	70.0	64.11	75.82
Northeast	176	63.1	54.95	71.23
Northwest	198	77.1	70.70	83.55
Southeast	199	69.6	62.66	76.47
Southwest	216	72.5	66.29	78.80
St. Louis	241	76.6	69.72	83.54
GENDER				
Female	1069	70.6	66.96	74.20
Male	563	75.1	70.87	79.37
RACE				
Black	111	55.9	40.64	71.15
Other	93	67.8	56.70	78.87
White	1413	74.6	71.82	77.29
EDUCATION				
<HS	265	65.7	57.27	74.05
HS	672	71.4	67.19	75.60
>HS	693	76.2	72.47	79.93
INCOME				
<\$15,000	222	62.5	54.84	70.20
\$15-24,999	388	66.4	60.55	72.19
\$25-34,999	240	75.8	69.66	81.94
\$35-49,999	219	78.7	72.06	85.24
\$50-74,999	115	74.5	64.89	84.10
\$75,000+	119	79.3	71.08	87.55

Definition: Among adults age 65 and older, “Yes” response to the question, “During the past 12 months, have you had a flu shot”?

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 11 - Immunization

Age 65 and older – Ever had pneumonia vaccination

Crude Prevalence With 95% Confidence Intervals (CI)

Table 11.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1590	68.3	65.3	71.3
REGION				
Central	185	68.0	60.6	75.3
Kansas City	284	64.3	57.9	70.7
Northeast	174	68.1	60.5	75.7
Northwest	197	75.4	68.9	82.0
Southeast	197	61.8	54.4	69.2
Southwest	207	74.3	68.0	80.6
St. Louis	235	69.7	62.0	77.3
GENDER				
Female	1049	70.1	66.4	73.9
Male	541	65.7	60.7	70.7
RACE				
Black	107	50.6	35.4	65.8
Other	88	62.0	49.7	74.3
White	1380	70.3	67.3	73.3
EDUCATION				
<HS	260	65.2	56.5	73.8
HS	657	68.8	64.4	73.2
>HS	671	69.1	64.7	73.5
INCOME				
<\$15,000	217	69.0	61.3	76.7
\$15-24,999	382	66.6	60.7	72.4
\$25-34,999	235	71.5	64.2	78.8
\$35-49,999	209	68.6	60.8	76.4
\$50-74,999	111	72.2	62.4	82.1
\$75,000+	114	63.8	53.1	74.5

Definition: Age 65 and older, “Yes” response to the question, “Have you ever had a pneumonia shot?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Ever been tested for HIV

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3036	37.9	35.4	40.5
REGION				
Central	342	40.2	33.3	47.1
Kansas City	584	38.4	33.5	43.3
Northeast	375	30.6	24.2	37.1
Northwest	351	39.7	32.1	47.2
Southeast	322	33.7	27.4	40.1
Southwest	311	38.3	31.5	45.1
St. Louis	426	36.0	30.0	42.1
GENDER				
Female	1842	42.9	39.6	46.3
Male	1194	32.8	28.8	36.7
RACE				
Black	270	67.4	59.1	75.6
Other	178	50.3	39.8	60.8
White	2570	34.2	31.4	36.9
EDUCATION				
<HS	226	29.7	21.3	38.2
HS	955	35.5	30.8	40.2
>HS	1852	40.3	37.0	43.5
INCOME				
<\$15,000	287	50.5	40.7	60.4
\$15-24,999	403	44.2	36.9	51.5
\$25-34,999	321	43.0	34.9	51.0
\$35-49,999	481	40.4	33.4	47.4
\$50-74,999	537	33.8	27.9	39.6
\$75,000+	718	34.0	29.3	38.7

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation. Include testing fluid from your mouth.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Had last HIV test at a private doctor or HMO office

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	42.8	38.5	47.1
REGION				
Central	118	37.3	26.0	48.7
Kansas City	228	45.1	37.2	53.0
Northeast	86	29.6	17.7	41.4
Northwest	106	32.2	20.6	43.8
Southeast	106	43.2	31.9	54.5
Southwest	99	33.8	23.0	44.6
St. Louis	152	51.6	40.7	62.5
GENDER				
Female	665	52.2	47.0	57.5
Male	391	30.0	23.1	36.9
RACE				
Black	170	41.8	31.6	51.9
Other	79	44.4	29.0	59.9
White	802	42.8	37.8	47.8
EDUCATION				
<HS	74	39.1	24.1	54.1
HS	294	34.1	26.1	42.0
>HS	687	47.0	41.6	52.4
INCOME				
<\$15,000	136	33.8	20.7	46.9
\$15-24,999	160	34.7	24.3	45.1
\$25-34,999	124	42.9	30.3	55.4
\$35-49,999	165	43.6	32.5	54.8
\$50-74,999	167	56.5	45.7	67.4
\$75,000+	227	48.4	39.7	57.1

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “Private doctor or HMO office” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Had last HIV test at a hospital or clinic

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	41.9	37.6	46.3
REGION				
Central	118	43.8	32.8	54.9
Kansas City	228	34.5	27.2	41.9
Northeast	86	45.4	31.6	59.2
Northwest	106	54.6	41.8	67.5
Southeast	106	47.3	35.8	58.9
Southwest	99	50.4	38.5	62.4
St. Louis	152	38.1	27.3	48.9
GENDER				
Female	665	37.5	32.4	42.6
Male	391	47.9	40.5	55.3
RACE				
Black	170	37.6	28.0	47.2
Other	79	42.8	28.0	57.6
White	802	42.7	37.6	47.8
EDUCATION				
<HS	74	57.4	42.4	72.4
HS	294	49.1	40.7	57.6
>HS	687	37.2	31.9	42.5
INCOME				
<\$15,000	136	52.6	38.6	66.6
\$15-24,999	160	52.7	41.8	63.6
\$25-34,999	124	45.0	32.1	57.9
\$35-49,999	165	46.6	35.4	57.7
\$50-74,999	167	31.0	20.5	41.6
\$75,000+	227	27.2	20.0	34.4

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “At a hospital” or “At a clinic” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Had last HIV test at a jail or prison

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	2.2	1.0	3.4
REGION				
Central	118	5.4	0.0	11.0
Kansas City	228	2.4	0.0	5.3
Northeast	86	0.5	0.0	1.4
Northwest	106	4.5	0.0	11.9
Southeast	106	1.4	0.0	3.5
Southwest	99	2.8	0.0	6.7
St. Louis	152	1.0	0.0	2.3
GENDER				
Female	665	0.6	0.0	1.3
Male	391	4.3	1.7	7.0
RACE				
Black	170	3.6	0.0	8.5
Other	79	4.1	0.0	8.5
White	802	1.7	0.5	2.9
EDUCATION				
<HS	74	0.2	0.0	0.7
HS	294	4.6	1.4	7.8
>HS	687	1.3	0.1	2.5
INCOME				
<\$15,000	136	5.2	0.0	11.1
\$15-24,999	160	5.1	0.2	9.9
\$25-34,999	124	4.8	0.0	10.9
\$35-49,999	165	0.9	0.0	2.2
\$50-74,999	167	0.0	0.0	0.0
\$75,000+	227	0.7	0.0	2.0

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “Jail or prison” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison (or other correctional facility), at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Had last HIV test at a drug treatment facility

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	0.5	0.1	0.9
REGION				
Central	118	0.0	0.0	0.0
Kansas City	228	1.0	0.0	2.4
Northeast	86	0.5	0.0	1.4
Northwest	106	0.0	0.0	0.0
Southeast	106	0.0	0.0	0.0
Southwest	99	1.2	0.0	2.7
St. Louis	152	0.3	0.0	0.9
GENDER				
Female	665	0.3	0.0	0.7
Male	391	0.7	0.0	1.5
RACE				
Black	170	0.8	0.0	2.2
Other	79	0.0	0.0	0.0
White	802	0.5	0.1	1.0
EDUCATION				
<HS	74	2.5	0.0	6.2
HS	294	1.0	0.0	2.1
>HS	687	0.1	0.0	0.2
INCOME				
<\$15,000	136	0.6	0.0	1.5
\$15-24,999	160	0.0	0.0	0.0
\$25-34,999	124	1.9	0.0	4.5
\$35-49,999	165	0.0	0.0	0.0
\$50-74,999	167	0.0	0.0	0.0
\$75,000+	227	0.0	0.0	0.0

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “Drug treatment facility” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

**Age 64 and younger: Had last HIV test at a counseling and testing site
Crude Prevalence With 95% Confidence Intervals (CI)**

Table 12.2.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	2.5	0.9	4.1
REGION				
Central	118	0.6	0.0	1.6
Kansas City	228	5.7	0.0	11.8
Northeast	86	0.0	0.0	0.0
Northwest	106	0.0	0.0	0.0
Southeast	106	0.0	0.0	0.0
Southwest	99	3.3	0.0	8.6
St. Louis	152	1.4	0.0	3.3
GENDER				
Female	665	2.2	0.0	4.4
Male	391	2.8	0.4	5.2
RACE				
Black	170	6.0	0.0	12.4
Other	79	5.3	0.0	14.1
White	802	1.5	0.1	2.8
EDUCATION				
<HS	74	0.0	0.0	0.0
HS	294	5.4	0.6	10.3
>HS	687	1.4	0.2	2.5
INCOME				
<\$15,000	136	1.3	0.0	3.1
\$15-24,999	160	4.5	0.0	10.7
\$25-34,999	124	0.7	0.0	1.7
\$35-49,999	165	0.6	0.0	1.7
\$50-74,999	167	2.0	0.0	4.8
\$75,000+	227	3.2	0.0	7.1

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “At a counseling and testing site” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Had last HIV test at home or somewhere else

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.2.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	1056	10.1	7.7	12.5
REGION				
Central	118	12.9	5.9	19.8
Kansas City	228	11.2	6.6	15.8
Northeast	86	24.1	12.9	35.3
Northwest	106	8.6	2.5	14.7
Southeast	106	8.1	2.6	13.7
Southwest	99	8.5	2.4	14.6
St. Louis	152	7.6	1.8	13.4
GENDER				
Female	665	7.1	4.8	9.3
Male	391	14.3	9.5	19.0
RACE				
Black	170	10.2	2.3	18.1
Other	79	3.4	0.0	8.2
White	802	10.9	8.2	13.6
EDUCATION				
<HS	74	0.7	0.0	2.0
HS	294	5.7	2.9	8.6
>HS	687	13.0	9.5	16.5
INCOME				
<\$15,000	136	6.5	1.6	11.4
\$15-24,999	160	3.1	0.6	5.6
\$25-34,999	124	4.8	1.1	8.5
\$35-49,999	165	8.3	3.4	13.2
\$50-74,999	167	10.4	5.0	15.8
\$75,000+	227	20.5	13.0	28.0

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV? AND “At home” or “Somewhere else” response to “Where did you have your last HIV test—at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at a drug treatment facility, at home, or somewhere else?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: Last HIV test was a rapid results test

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	252	16.2	8.7	23.7
REGION				
Central	27	4.1	0.0	10.4
Kansas City	45	19.8	6.7	32.9
Northeast	16	10.5	0.0	27.6
Northwest	24	8.7	0.0	21.6
Southeast	24	11.6	0.0	27.8
Southwest	13	32.1	1.1	63.0
St. Louis	39	18.5	0.0	40.4
GENDER				
Female	146	11.6	4.7	18.6
Male	106	22.1	8.1	36.0
RACE				
Black	70	20.7	8.8	32.6
Other	19	9.1	0.0	20.5
White	163	15.9	5.7	26.0
EDUCATION				
<HS	29	19.6	0.0	43.4
HS	68	20.6	8.5	32.8
>HS	155	14.0	4.0	23.9
INCOME				
<\$15,000	51	41.4	16.3	66.4
\$15-24,999	46	10.6	1.6	19.7
\$25-34,999	30	12.4	0.0	25.5
\$35-49,999	40	13.4	0.0	29.6
\$50-74,999	28	9.8	0.0	20.5
\$75,000+	43	3.4	0.0	8.7

Definition: Among respondents age 64 and younger, “Yes” response to the question “Have you ever been tested for HIV?” AND within 12 months or less to “In what month and year was your last HIV test?” AND “Yes” to “Was it a rapid test where you could get your results within in a couple of hours?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 12 – HIV Testing

Age 64 and younger: At risk for HIV infection

Crude Prevalence With 95% Confidence Intervals (CI)

Table 12.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3114	4.1	3.0	5.2
REGION				
Central	347	6.7	2.6	10.9
Kansas City	601	2.8	1.2	4.5
Northeast	382	3.3	0.8	5.7
Northwest	371	5.0	1.1	8.9
Southeast	327	4.1	1.2	6.9
Southwest	318	3.8	1.3	6.3
St. Louis	437	4.0	1.3	6.6
GENDER				
Female	1891	2.9	1.8	3.9
Male	1223	5.4	3.4	7.4
RACE				
Black	277	6.5	3.3	9.8
Other	183	5.1	0.7	9.4
White	2635	3.8	2.6	5.0
EDUCATION				
<HS	228	7.6	3.1	12.0
HS	974	3.6	1.9	5.3
>HS	1907	3.9	2.4	5.4
INCOME				
<\$15,000	292	11.6	3.5	19.8
\$15-24,999	411	4.8	2.1	7.6
\$25-34,999	327	5.5	1.4	9.5
\$35-49,999	494	3.1	1.2	5.0
\$50-74,999	546	3.7	1.2	6.1
\$75,000+	737	2.2	0.7	3.8

Definition: “Yes” response to “I’m going to read you a list. When I’m done, please tell me if any of the situations apply to you. You do not need to tell me which one.

- You have used intravenous drugs in the past year
- You have been treated for a sexually transmitted or venereal disease in the past year
- You have given or received money or drugs in exchange for sex in the past year
- You had anal sex without a condom in the past year

Do any of these situations apply to you?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 13 – Hypertension Awareness

Ever been told by a doctor have high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 13.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5050	30.6	28.8	32.4	29.2	27.6	30.89
REGION							
Central	564	27.9	23.5	32.4	27.8	23.8	31.8
Kansas City	954	28.8	25.5	32.1	27.3	24.6	30.0
Northeast	589	32.6	27.9	37.4	30.3	26.3	34.4
Northwest	605	31.1	26.4	35.9	31.5	27.1	35.9
Southeast	558	36.4	31.6	41.2	33.9	29.2	38.6
Southwest	553	33.6	28.9	38.4	31.3	27.2	35.5
St. Louis	736	28.6	24.5	32.8	26.8	23.1	30.5
GENDER							
Female	3129	30.1	27.9	32.3	27.6	25.6	29.6
Male	1921	31.2	28.4	34.1	30.9	28.3	33.5
RACE							
Black	440	43.4	36.5	50.2	43.1	37.3	48.9
Other	303	27.1	20.6	33.6	29.1	23.7	34.5
White	4268	29.7	27.7	31.6	28.0	26.2	29.8
EDUCATION							
<HS	534	39.2	32.7	45.6	37.3	31.4	43.2
HS	1766	36.8	33.6	40.1	33.0	30.0	36.1
>HS	2741	25.6	23.3	27.8	26.1	24.0	28.3
INCOME							
<\$15,000	551	41.5	34.7	48.3	41.7	36.0	47.3
\$15-24,999	853	35.6	30.9	40.4	33.1	28.3	37.9
\$25-34,999	597	34.9	29.6	40.2	28.2	23.5	32.9
\$35-49,999	747	30.9	26.1	35.6	31.0	26.9	35.0
\$50-74,999	694	24.7	20.6	28.8	26.2	22.1	30.3
\$75,000+	904	24.3	20.7	28.0	23.5	20.3	26.6

Definition: “Yes” response to the question “Have you EVER been told by a doctor, nurse or other health professional that you have high blood pressure?” [Only when pregnant, and borderline high or pre-hypertensive coded as “No” responses.]

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 13 – Hypertension Awareness

Currently taking medication for high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 13.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	2072	79.4	76.4	82.4	62.2	57.4	67.0
REGION							
Central	226	74.5	66.0	83.0	66.7	59.3	74.1
Kansas City	358	84.5	79.6	89.4	65.1	54.5	75.6
Northeast	232	77.6	70.6	84.7	57.0	47.7	66.3
Northwest	263	83.3	75.5	91.1	66.2	55.3	77.2
Southeast	255	81.7	75.2	88.2	67.7	58.0	77.5
Southwest	247	76.1	68.3	84.0	57.2	47.4	66.9
St. Louis	288	78.5	70.9	86.0	57.1	46.5	67.7
GENDER							
Female	1290	84.8	81.4	88.3	66.1	60.6	71.6
Male	782	73.7	68.9	78.6	58.7	51.7	65.8
RACE							
Black	233	88.3	81.9	94.8	74.5	66.8	82.1
Other	125	77.0	66.2	87.8	57.2	47.1	67.3
White	1699	78.3	74.9	81.7	60.7	57.1	64.3
EDUCATION							
<HS	278	87.3	81.9	92.6	72.2	62.1	82.3
HS	834	80.6	76.4	84.9	62.1	55.7	68.6
>HS	953	76.2	71.3	81.0	59.8	53.5	66.0
INCOME							
<\$15,000	305	83.6	77.3	89.8	72.2	64.8	79.6
\$15-24,999	401	77.7	71.1	84.4	56.9	49.5	64.3
\$25-34,999	261	84.4	77.2	91.6	55.5	46.2	64.8
\$35-49,999	309	79.6	71.8	87.3	61.6	53.0	70.2
\$50-74,999	223	76.7	68.7	84.8	52.7	47.0	58.4
\$75,000+	254	75.8	67.8	83.9	59.5	52.6	66.5

Definition: “Yes” response the question “Have you ever been told by a doctor, nurse or other health professional that you have high blood pressure? AND “Yes” response to “Are you currently taking medication for your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Changing eating habits to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1896	65.8	62.49	69.03	62.1	56.06	68.23
REGION							
Central	213	60.2	52.01	68.47	65.0	55.22	74.69
Kansas City	322	72.5	66.72	78.30	71.2	61.52	80.84
Northeast	217	62.7	54.95	70.51	70.4	60.20	80.51
Northwest	243	68.7	60.45	77.03	59.2	48.01	70.35
Southeast	236	68.3	60.86	75.74	64.0	53.53	74.42
Southwest	233	65.5	57.49	73.53	58.8	45.76	71.93
St. Louis	254	62.0	53.48	70.47	54.2	41.73	66.57
GENDER							
Female	3128	69.2	65.25	73.18	68.7	61.58	75.80
Male	1919	62.1	56.85	67.34	56.5	48.17	64.90
RACE							
Black	206	74.0	63.70	84.30	76.6	66.18	86.98
Other	113	64.9	52.67	77.04	51.9	39.75	64.08
White	1564	64.7	61.07	68.26	52.0	47.92	56.18
EDUCATION							
<HS	253	67.2	58.32	76.13	65.4	53.63	77.07
HS	765	64.7	59.76	69.73	57.8	47.22	68.44
>HS	872	66.0	61.08	70.97	63.6	55.27	71.88
INCOME							
<\$15,000	272	64.8	55.89	73.81	62.7	50.75	74.59
\$15-24,999	368	65.2	57.49	72.90	55.7	44.25	67.20
\$25-34,999	244	61.6	52.52	70.77	58.3	47.54	69.09
\$35-49,999	288	66.3	58.11	74.53	66.7	54.17	79.20
\$50-74,999	207	65.9	57.11	74.63	55.8	43.36	68.21
\$75,000+	233	71.8	64.43	79.26	57.4	51.34	63.39

Definition: “Yes” to “Are you changing your eating habits to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Cutting down on salt to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1900	66.9	63.70	70.01	61.0	55.46	66.62
REGION							
Central	214	55.6	46.95	64.34	46.4	35.78	57.10
Kansas City	322	71.4	65.57	77.16	74.1	63.42	84.79
Northeast	216	67.8	60.11	75.53	70.1	59.72	80.58
Northwest	246	66.4	57.86	74.98	57.0	45.00	69.01
Southeast	236	60.8	52.90	68.75	48.3	37.45	59.24
Southwest	234	72.0	64.11	79.95	67.2	54.77	79.67
St. Louis	254	65.1	57.18	73.09	59.4	48.17	70.55
GENDER							
Female	3128	69.5	65.52	73.39	64.9	57.32	72.45
Male	1919	64.1	59.06	69.14	57.6	49.77	65.33
RACE							
Black	206	81.0	73.46	88.45	80.5	70.48	90.45
Other	113	53.6	40.38	66.79	46.9	34.68	59.19
White	1568	66.1	62.57	69.63	54.1	50.23	58.06
EDUCATION							
<HS	252	67.4	59.29	75.50	61.3	49.38	73.24
HS	767	68.1	63.21	73.01	61.0	50.40	71.57
>HS	875	65.8	60.91	70.59	60.5	53.12	67.98
INCOME							
<\$15,000	271	67.5	58.35	76.63	65.0	53.42	76.54
\$15-24,999	368	71.8	64.89	78.80	67.3	54.88	79.82
\$25-34,999	244	66.1	57.38	74.83	57.4	47.01	67.74
\$35-49,999	290	70.8	63.09	78.49	66.5	54.33	78.73
\$50-74,999	207	63.7	54.85	72.54	55.2	42.77	67.60
\$75,000+	233	65.3	57.12	73.41	56.9	50.47	63.42

Definition: “Yes” to “Are you cutting down on salt to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Reducing alcohol use to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1897	29.5	26.48	32.61	31.6	26.30	36.93
REGION							
Central	213	28.9	21.26	36.61	34.0	26.96	41.11
Kansas City	321	35.2	28.88	41.51	34.1	23.83	44.30
Northeast	217	28.9	21.21	36.69	38.0	28.28	47.68
Northwest	246	29.0	21.65	36.44	32.7	19.34	46.15
Southeast	236	22.8	15.88	29.77	29.3	21.32	37.19
Southwest	234	23.4	16.70	30.09	25.7	13.96	37.48
St. Louis	252	31.9	23.81	39.94	35.0	22.58	47.47
GENDER							
Female	3128	24.5	20.99	28.03	29.9	23.45	36.34
Male	1919	34.9	29.85	39.89	33.7	26.23	41.21
RACE							
Black	206	43.4	32.32	54.55	48.8	37.34	60.16
Other	112	23.9	11.86	35.93	19.9	10.38	29.49
White	1566	28.3	25.03	31.50	23.7	20.06	27.43
EDUCATION							
<HS	253	16.7	9.42	24.01	26.6	15.22	37.97
HS	766	30.0	25.36	34.65	31.9	21.70	42.15
>HS	872	32.5	27.78	37.27	31.5	25.20	37.85
INCOME							
<\$15,000	272	29.4	20.18	38.56	33.5	21.05	45.88
\$15-24,999	367	23.0	16.80	29.12	25.2	15.08	35.25
\$25-34,999	243	31.8	22.76	40.75	35.3	21.71	48.79
\$35-49,999	289	30.6	23.43	37.78	38.0	30.76	45.32
\$50-74,999	207	31.8	23.93	39.60	32.9	20.54	45.21
\$75,000+	232	42.2	33.12	51.22	33.3	23.51	43.15

Definition: “Yes” to “Are you reducing alcohol use to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Exercising to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1900	67.7	64.50	70.86	66.7	61.02	72.41
REGION							
Central	213	71.0	63.17	78.85	65.6	58.61	72.66
Kansas City	322	68.8	62.91	74.75	70.6	59.87	81.41
Northeast	217	71.4	64.37	78.36	70.3	60.54	80.10
Northwest	246	69.0	61.46	76.64	67.7	56.27	79.06
Southeast	236	61.3	53.49	69.01	53.2	40.47	65.88
Southwest	234	69.4	61.56	77.21	63.7	50.70	76.65
St. Louis	254	66.3	58.27	74.43	62.4	50.19	74.69
GENDER							
Female	3128	68.6	64.90	72.22	71.6	65.05	78.17
Male	1919	66.7	61.49	71.99	63.1	54.83	71.41
RACE							
Black	206	66.6	55.66	77.44	69.8	58.97	80.71
Other	113	73.7	62.53	84.91	73.6	62.35	84.80
White	1568	67.3	63.85	70.78	54.1	49.97	58.19
EDUCATION							
<HS	253	63.0	54.18	71.81	59.7	48.30	71.08
HS	767	67.8	62.97	72.59	68.3	61.38	75.27
>HS	874	69.0	64.21	73.76	67.8	60.07	75.48
INCOME							
<\$15,000	272	63.6	54.37	72.84	60.1	46.90	73.32
\$15-24,999	368	63.1	55.40	70.84	54.7	42.73	66.71
\$25-34,999	243	71.9	63.49	80.32	67.5	52.88	82.06
\$35-49,999	290	64.7	56.49	72.92	66.1	54.07	78.20
\$50-74,999	207	70.1	61.65	78.61	77.8	70.74	84.93
\$75,000+	233	75.5	67.66	83.35	60.2	50.32	70.04

Definition: “Yes” to “Are you exercising to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Advised by a doctor to change eating habits to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1894	59.3	56.06	62.62	60.7	54.33	67.10
REGION							
Central	214	49.4	40.89	58.00	51.9	41.69	62.04
Kansas City	320	63.7	57.61	69.80	73.1	64.77	81.46
Northeast	216	57.2	49.34	64.98	72.0	65.71	78.32
Northwest	246	60.2	52.57	67.83	71.1	63.85	78.42
Southeast	233	63.2	55.87	70.62	71.4	61.31	81.58
Southwest	234	59.5	51.48	67.44	57.3	44.24	70.36
St. Louis	254	55.5	47.02	64.06	49.3	36.72	61.81
GENDER							
Female	3128	57.0	52.85	61.10	59.6	51.90	67.39
Male	1919	61.8	56.69	67.00	61.6	53.23	69.97
RACE							
Black	204	68.8	58.11	79.57	74.5	64.33	84.65
Other	110	66.6	55.57	77.63	62.7	50.23	75.12
White	1567	57.5	53.85	61.08	46.9	42.73	50.99
EDUCATION							
<HS	253	63.5	54.84	72.10	83.2	78.48	87.84
HS	762	57.4	52.32	62.53	55.8	45.15	66.42
>HS	873	59.6	54.70	64.57	59.8	51.22	68.45
INCOME							
<\$15,000	271	60.6	51.50	69.69	61.6	49.25	73.99
\$15-24,999	367	62.3	55.30	69.38	69.3	58.60	79.92
\$25-34,999	243	52.3	43.27	61.28	48.6	38.97	58.30
\$35-49,999	289	60.1	51.85	68.36	64.7	55.37	73.99
\$50-74,999	205	68.7	60.28	77.09	62.9	52.41	73.37
\$75,000+	233	62.1	53.46	70.66	55.2	48.34	62.14

Definition: “Yes” to “Has a doctor or other health care professional ever advised you to change your eating habits to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

**Advised by a doctor to cut down on salt to help lower or control high blood pressure
Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)**

Table 14.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1892	60.8	57.45	64.10	58.0	51.58	64.47
REGION							
Central	212	51.1	42.46	59.73	50.1	40.33	59.86
Kansas City	320	65.0	58.75	71.21	54.8	43.84	65.71
Northeast	216	66.7	59.44	73.90	69.8	59.70	79.88
Northwest	246	56.4	48.10	64.71	58.8	46.70	70.82
Southeast	234	62.0	54.37	69.70	65.9	55.50	76.21
Southwest	233	63.4	55.25	71.55	67.5	57.57	77.53
St. Louis	254	55.6	47.07	64.11	47.9	35.26	60.62
GENDER							
Female	3128	62.2	58.08	66.29	58.3	50.36	66.28
Male	1919	59.3	53.98	64.58	57.4	49.00	65.71
RACE							
Black	205	76.9	67.62	86.19	78.7	68.52	88.92
Other	112	42.5	29.90	55.12	43.0	30.35	55.67
White	1562	60.0	56.31	63.62	47.6	43.48	51.67
EDUCATION							
<HS	253	70.1	62.61	77.56	81.1	74.30	87.97
HS	763	61.2	56.06	66.31	56.3	45.58	66.94
>HS	870	57.8	52.75	62.88	53.6	45.36	61.84
INCOME							
<\$15,000	271	74.4	67.19	81.63	80.9	73.63	88.16
\$15-24,999	367	66.7	59.52	73.79	66.9	57.62	76.17
\$25-34,999	244	61.3	52.23	70.33	50.2	40.92	59.44
\$35-49,999	288	55.2	46.67	63.64	57.3	48.52	66.01
\$50-74,999	206	60.5	51.46	69.46	54.7	42.11	67.28
\$75,000+	232	60.5	51.78	69.29	50.0	39.99	60.10

Definition: “Yes” to “Has a doctor or other health care professional ever advised you to cut down on salt to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Advised by a doctor to reduce alcohol use to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1895	22.8	20.0	25.7	27.6	21.9	33.2
REGION							
Central	213	20.5	12.4	28.5	32.3	22.0	42.6
Kansas City	322	25.3	19.2	31.3	28.3	18.6	38.1
Northeast	215	24.3	17.1	31.5	40.3	29.7	50.9
Northwest	246	23.8	16.4	31.3	29.4	15.6	43.3
Southeast	234	23.6	16.1	31.1	38.4	26.8	49.9
Southwest	234	20.5	14.5	26.6	33.6	25.8	41.4
St. Louis	254	20.9	13.9	27.9	21.1	10.1	32.0
GENDER	.						
Female	3128	17.3	14.3	20.4	23.6	16.0	31.2
Male	1919	28.7	23.8	33.5	31.2	23.5	39.0
RACE							
Black	205	42.1	30.9	53.3	53.6	42.7	64.5
Other	113	15.3	5.4	25.2	17.7	7.8	27.7
White	1564	20.9	18.0	23.8	17.1	14.0	20.3
EDUCATION							
<HS	253	22.0	14.3	29.7	44.1	30.6	57.6
HS	764	26.1	21.5	30.8	26.8	17.1	36.4
>HS	872	20.2	16.1	24.3	25.3	17.9	32.7
INCOME							
<\$15,000	271	27.4	19.4	35.4	37.7	28.4	47.0
\$15-24,999	367	27.5	20.1	34.9	39.3	28.3	50.2
\$25-34,999	244	23.1	14.7	31.6	14.0	8.3	19.7
\$35-49,999	290	23.9	16.9	30.9	31.0	19.2	42.8
\$50-74,999	206	20.1	13.7	26.6	21.2	10.9	31.6
\$75,000+	232	22.0	13.8	30.2	22.6	13.5	31.8

Definition: “Yes” to “Has a doctor or other health care professional ever advised you to reduce alcohol use to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Advised by a doctor to exercise to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.8	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1891	74.8	72.0	77.7	75.1	69.5	80.8
REGION							
Central	211	73.9	66.4	81.4	75.8	65.7	86.0
Kansas City	320	78.5	73.2	83.8	84.3	79.1	89.7
Northeast	216	75.3	68.9	81.6	82.5	76.7	88.2
Northwest	245	70.3	62.4	78.2	71.2	59.9	82.5
Southeast	234	71.2	64.3	78.2	76.6	66.4	86.7
Southwest	234	77.7	71.1	84.4	79.3	70.1	88.5
St. Louis	254	71.9	64.4	79.5	68.0	53.6	82.3
GENDER							
Female	3128	74.3	70.8	77.7	80.2	75.4	85.0
Male	1919	75.4	70.8	80.1	71.8	63.7	79.8
RACE							
Black	205	83.0	76.5	89.5	87.3	81.7	92.9
Other	112	70.0	58.3	81.6	69.1	56.8	81.5
White	1561	74.3	71.1	77.5	60.6	56.8	64.4
EDUCATION							
<HS	253	75.5	68.7	82.3	87.2	82.6	91.7
HS	764	73.3	68.5	78.0	65.6	55.1	76.1
>HS	868	76.1	72.0	80.3	78.2	71.8	84.7
INCOME							
<\$15,000	271	64.4	55.1	73.7	66.6	55.5	77.8
\$15-24,999	367	74.0	68.2	79.7	81.1	74.7	87.5
\$25-34,999	243	69.0	60.1	77.9	60.2	46.7	73.8
\$35-49,999	289	75.5	67.8	83.2	77.5	69.0	86.1
\$50-74,999	206	79.9	72.1	87.6	67.4	55.8	79.1
\$75,000+	233	80.0	72.9	87.0	68.6	63.5	73.7

Definition: “Yes” to “Has a doctor or other health care professional ever advised you to exercise to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Advised by a doctor to take medication to help lower or control high blood pressure

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14. 9	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1897	88.1	85.4	90.8	76.7	70.5	83.0
REGION							
Central	213	85.0	77.1	92.9	77.6	69.0	86.1
Kansas City	322	90.7	86.2	95.2	74.1	64.1	84.1
Northeast	216	83.5	77.1	89.8	67.7	57.9	77.4
Northwest	246	87.6	79.6	95.6	75.1	60.9	89.4
Southeast	234	91.3	85.4	97.1	78.8	71.3	86.4
Southwest	234	87.4	80.3	94.6	71.9	62.4	81.4
St. Louis	254	86.7	79.7	93.6	69.4	56.1	82.7
GENDER							
Female	3128	94.0	91.9	96.2	86.4	77.9	94.9
Male	1919	81.8	77.0	86.7	68.8	60.9	76.7
RACE							
Black	205	91.5	85.2	97.8	88.8	81.2	96.4
Other	113	79.5	67.9	91.1	67.0	53.7	80.3
White	1566	88.4	85.4	91.4	70.3	66.5	74.1
EDUCATION							
<HS	253	95.3	91.1	99.6	85.3	83.8	86.8
HS	765	87.5	83.4	91.5	73.8	63.5	84.0
>HS	873	86.7	82.4	91.1	76.3	68.2	84.4
INCOME							
<\$15,000	271	91.1	85.8	96.4	79.5	73.3	85.6
\$15-24,999	368	87.2	80.6	93.8	75.7	64.4	87.0
\$25-34,999	244	90.6	83.8	97.4	68.2	54.8	81.7
\$35-49,999	290	84.2	76.4	91.9	67.8	58.5	77.1
\$50-74,999	206	83.9	76.0	91.8	66.9	55.0	78.9
\$75,000+	233	90.8	84.6	97.1	77.3	73.0	81.6

Definition: “Yes” to “Has a doctor or other health care professional ever advised you to take medication to help lower or control your high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 14 – Actions to Control High Blood Pressure

Told had high blood pressure on two or more visits to a doctor

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 14.10	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4856	23.1	21.5	24.7	22.2	20.8	23.6
REGION							
Central	550	21.8	17.9	25.6	22.0	18.5	25.5
Kansas City	916	23.3	20.2	26.3	22.4	19.8	25.0
Northeast	571	23.8	19.6	27.9	21.7	18.3	25.1
Northwest	582	22.9	19.0	26.8	23.5	19.9	27.1
Southeast	534	26.7	22.5	30.9	24.1	20.5	27.8
Southwest	540	25.5	21.3	29.6	23.7	20.3	27.1
St. Louis	699	20.5	16.9	24.1	19.4	16.2	22.6
GENDER							
Female	3128	23.5	21.6	25.4	21.6	19.9	23.3
Male	1919	22.6	20.1	25.2	22.7	20.4	25.0
RACE							
Black	408	33.2	26.6	39.8	33.4	27.4	39.4
Other	289	18.0	12.9	23.0	20.4	15.7	25.0
White	4122	22.6	20.9	24.2	21.3	19.8	22.8
EDUCATION							
<HS	503	29.4	23.7	35.2	29.2	23.3	35.1
HS	1693	28.2	25.2	31.1	25.0	22.3	27.6
>HS	2652	19.1	17.2	21.0	19.8	18.0	21.6
INCOME							
<\$15,000	516	33.5	27.1	39.9	34.5	28.9	40.0
\$15-24,999	813	26.4	22.1	30.6	24.8	20.5	29.1
\$25-34,999	577	28.4	23.4	33.3	23.0	18.8	27.3
\$35-49,999	726	24.3	20.0	28.6	25.3	21.4	29.2
\$50-74,999	676	18.2	14.7	21.6	18.4	15.4	21.4
\$75,000+	881	18.2	14.9	21.4	18.0	15.0	20.9

Definition: “Yes” to “Were you told on two or more different visits to a doctor or other health care professional that you had high blood pressure?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Ever had blood cholesterol checked

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 15.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4950	78.4	76.2	80.6	76.2	74.2	78.1
REGION							
Central	557	75.8	69.8	81.7	75.6	70.6	80.5
Kansas City	931	83.8	80.1	87.6	80.7	76.8	84.6
Northeast	578	74.0	67.6	80.5	71.2	65.9	76.4
Northwest	595	79.7	73.9	85.6	76.3	72.1	80.4
Southeast	547	79.1	73.7	84.5	76.8	72.2	81.4
Southwest	542	73.4	67.8	79.0	70.4	65.5	75.3
St. Louis	724	78.8	73.6	84.0	76.5	72.0	81.0
GENDER							
Female	3063	81.3	78.7	83.9	78.3	75.9	80.8
Male	1887	75.2	71.7	78.8	74.0	71.0	77.0
RACE							
Black	427	80.1	74.2	86.0	78.3	72.2	84.5
Other	301	71.7	63.3	80.1	72.8	66.3	79.3
White	4185	78.8	76.4	81.2	76.3	74.1	78.5
EDUCATION							
<HS	515	61.5	53.6	69.4	59.3	52.8	65.8
HS	1730	76.1	72.3	79.9	71.3	67.8	74.9
>HS	2696	82.5	79.8	85.2	81.2	78.6	83.9
INCOME							
<\$15,000	535	73.6	66.5	80.8	72.8	66.2	79.4
\$15-24,999	836	69.2	63.3	75.1	67.4	63.0	72.0
\$25-34,999	588	77.2	71.2	83.3	71.1	64.7	77.6
\$35-49,999	731	79.0	72.6	85.4	75.9	71.6	80.2
\$50-74,999	685	79.7	74.4	85.0	77.9	73.4	82.4
\$75,000+	898	87.6	83.8	91.3	84.6	79.4	89.7

Definition: “Yes” response to the question “Blood cholesterol is a fatty substance found in the blood. Have you EVER had your blood cholesterol checked?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Had blood cholesterol checked within past year

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 15.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4321	71.2	69.1	73.4	67.9	64.7	71.1
REGION							
Central	486	68.7	62.9	74.5	64.4	56.8	71.9
Kansas City	837	74.3	70.4	78.1	69.9	63.3	76.5
Northeast	492	70.2	65.0	75.3	65.8	58.3	73.3
Northwest	523	71.9	66.2	77.7	67.5	58.5	76.4
Southeast	481	74.1	69.0	79.2	69.5	61.6	77.4
Southwest	454	72.7	67.2	78.1	62.4	57.0	67.7
St. Louis	638	68.0	62.9	73.1	65.6	59.0	72.2
GENDER							
Female	2722	71.1	68.6	73.7	69.5	66.0	73.0
Male	1599	71.4	67.9	74.8	67.1	62.3	71.9
RACE							
Black	364	87.2	82.8	91.5	88.7	84.6	92.8
Other	246	69.9	61.4	78.5	69.2	59.0	79.3
White	3680	69.7	67.3	72.0	65.3	61.7	68.9
EDUCATION							
<HS	401	78.9	72.9	84.9	69.3	58.9	79.7
HS	1495	73.8	70.4	77.2	68.8	61.7	76.0
>HS	2418	68.9	66.0	71.8	67.6	63.9	71.4
INCOME							
<\$15,000	453	81.6	76.3	87.0	79.5	73.7	85.2
\$15-24,999	681	69.0	63.5	74.5	58.8	51.8	65.8
\$25-34,999	515	77.5	72.3	82.7	71.0	62.2	79.8
\$35-49,999	650	69.9	64.2	75.5	70.3	64.1	76.5
\$50-74,999	602	64.6	58.9	70.4	63.0	55.3	70.7
\$75,000+	832	70.0	65.6	74.3	68.0	61.0	75.1

Definition: “Yes” response to the question “Have you EVER had your blood cholesterol checked?” AND “Within past year (anytime less than 12 months)” response to “About how long has it been since you last had your blood cholesterol checked?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Had blood cholesterol checked more than 1 year ago but less than 2 years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 15.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4321	11.5	10.0	13.0	12.8	10.4	15.3
REGION							
Central	486	10.8	6.8	14.8	12.7	5.9	19.5
Kansas City	837	10.9	8.3	13.5	11.1	7.5	14.8
Northeast	492	11.5	8.1	14.8	11.6	7.7	15.5
Northwest	523	12.3	7.9	16.7	18.4	10.1	26.8
Southeast	481	10.9	7.3	14.5	12.2	7.3	17.1
Southwest	454	10.3	6.9	13.8	10.0	6.3	13.8
St. Louis	638	12.7	9.0	16.5	14.9	9.4	20.4
GENDER							
Female	2722	11.7	9.9	13.4	11.5	9.6	13.5
Male	1599	11.3	8.8	13.8	13.7	9.7	17.7
RACE							
Black	364	7.0	3.7	10.3	6.2	2.9	9.5
Other	246	12.3	6.2	18.5	12.5	6.6	18.3
White	3680	11.9	10.2	13.6	13.8	10.9	16.7
EDUCATION							
<HS	401	7.7	3.2	12.2	15.4	6.9	23.9
HS	1495	10.8	8.5	13.2	13.0	7.4	18.5
>HS	2418	12.3	10.3	14.4	12.6	9.9	15.3
INCOME							
<\$15,000	453	4.9	2.4	7.4	5.7	2.3	9.0
\$15-24,999	681	9.7	6.2	13.2	9.3	5.6	13.0
\$25-34,999	515	8.6	5.7	11.6	10.7	5.4	16.0
\$35-49,999	650	12.2	8.5	15.9	13.4	8.3	18.6
\$50-74,999	602	16.5	11.5	21.5	17.9	10.4	25.4
\$75,000+	832	12.9	9.8	16.1	15.7	9.2	22.2

Definition: “Yes” response to the question “Have you EVER had your blood cholesterol checked?” AND “Within past 2 years (1 year but less than 2 years)” response to “About how long has it been since you last had your blood cholesterol checked?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Had blood cholesterol checked more than 2 years ago but less than 5 years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 15.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4321	10.8	9.3	12.2	12.3	10.0	14.6
REGION							
Central	486	13.5	9.2	17.8	14.3	8.7	19.9
Kansas City	837	9.2	6.4	12.0	12.8	6.7	18.9
Northeast	492	12.3	8.2	16.4	16.4	9.2	23.5
Northwest	523	11.9	7.5	16.3	10.7	6.7	14.6
Southeast	481	9.0	5.3	12.7	12.0	5.0	18.9
Southwest	454	11.4	7.2	15.7	18.2	8.7	27.6
St. Louis	638	10.5	7.2	13.9	11.7	7.4	15.9
GENDER							
Female	2722	10.9	9.1	12.8	12.2	9.7	14.7
Male	1599	10.5	8.1	12.9	12.1	8.4	15.9
RACE							
Black	364	4.8	2.0	7.6	4.3	1.9	6.8
Other	246	11.3	5.5	17.0	12.2	4.1	20.3
White	3680	11.3	9.6	13.0	13.2	10.5	15.9
EDUCATION							
<HS	401	9.0	5.0	13.0	11.7	5.8	17.7
HS	1495	10.2	7.9	12.4	11.4	7.6	15.1
>HS	2418	11.3	9.2	13.4	12.5	9.6	15.4
INCOME							
<\$15,000	453	10.3	6.0	14.6	12.1	6.9	17.3
\$15-24,999	681	13.8	9.8	17.8	22.7	16.5	28.9
\$25-34,999	515	7.7	4.5	10.9	10.6	4.7	16.5
\$35-49,999	650	11.6	7.1	16.0	10.6	6.78	14.5
\$50-74,999	602	9.2	5.9	12.5	8.5	5.2	11.8
\$75,000+	832	11.5	8.4	14.6	12.3	6.9	17.6

Definition: “Yes” response to the question “Have you EVER had your blood cholesterol checked?” AND “Within past 5 years (2 years but less than 5 years)” response to “About how long has it been since you last had your blood cholesterol checked?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Had blood cholesterol checked more than 5 years ago

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 15.2.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4321	6.0	4.8	7.2	6.5	4.8	8.2
REGION							
Central	486	6.1	2.7	9.6	7.9	1.8	14.0
Kansas City	837	5.1	3.2	7.0	5.7	2.7	8.7
Northeast	492	5.8	3.3	8.3	6.0	3.0	9.1
Northwest	523	3.5	1.6	5.3	3.1	1.4	4.9
Southeast	481	5.6	3.1	8.1	5.9	3.0	8.8
Southwest	454	4.8	2.2	7.5	8.9	0.1	17.8
St. Louis	638	8.6	5.4	11.8	7.7	4.7	10.6
GENDER							
Female	2722	5.9	4.4	7.4	6.5	4.3	8.7
Male	1599	6.2	4.2	8.1	6.6	4.0	9.1
RACE							
Black	364	0.5	0.0	1.1	0.2	0.0	0.7
Other	246	5.8	1.3	10.3	5.6	0.9	10.3
White	3680	6.6	5.2	8.0	7.3	5.3	9.3
EDUCATION							
<HS	401	2.0	0.6	3.4	2.6	0.6	4.7
HS	1495	4.7	2.9	6.6	6.5	1.4	11.6
>HS	2418	7.2	5.5	8.9	7.1	5.2	8.9
INCOME							
<\$15,000	453	2.7	0.7	4.7	2.4	0.5	4.2
\$15-24,999	681	6.5	3.0	9.9	8.5	3.6	13.5
\$25-34,999	515	5.2	1.7	8.7	7.0	1.2	12.7
\$35-49,999	650	5.8	2.6	8.9	5.2	2.3	8.1
\$50-74,999	602	9.7	5.9	13.5	10.7	5.7	15.6
\$75,000+	832	5.5	3.1	7.8	3.9	2.3	5.6

Definition: “Yes” response to the question “Have you EVER had your blood cholesterol checked?” AND “5 or more years ago” response to “About how long has it been since you last had your blood cholesterol checked?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 15 – Cholesterol Awareness

Ever been told by a health professional that blood cholesterol is high *Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)*

Table 15.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4307	38.2	36.1	40.2	32.4	30.4	34.3
REGION							
Central	483	39.5	34.1	45.0	33.8	28.8	38.8
Kansas City	832	41.6	37.5	45.8	36.1	32.3	39.8
Northeast	492	38.2	33.1	43.3	31.5	26.8	36.1
Northwest	522	40.6	34.9	46.2	42.5	33.8	51.1
Southeast	479	39.4	34.2	44.6	31.4	26.9	36.0
Southwest	454	37.8	32.3	43.2	30.6	25.5	35.6
St. Louis	636	35.5	30.7	40.3	29.0	24.5	33.5
GENDER							
Female	2716	37.1	34.6	39.6	31.1	28.7	33.5
Male	1591	39.4	35.9	42.8	33.8	30.6	37.1
RACE							
Black	364	35.1	27.9	42.4	32.9	25.1	40.6
Other	242	36.7	28.1	45.3	32.1	25.7	38.5
White	3670	38.5	36.3	40.8	32.3	30.2	34.5
EDUCATION							
<HS	398	50.5	43.2	57.8	40.3	32.4	48.3
HS	1493	44.1	40.4	47.8	35.7	31.7	39.6
>HS	2409	33.5	30.9	36.2	30.1	27.7	32.5
INCOME							
<\$15,000	449	44.9	36.9	52.8	42.0	35.8	48.1
\$15-24,999	677	40.6	35.3	46.0	34.1	27.9	40.2
\$25-34,999	515	41.2	35.3	47.2	29.3	24.0	34.7
\$35-49,999	650	34.5	29.3	39.6	30.2	25.0	35.3
\$50-74,999	600	38.1	32.7	43.6	31.6	27.0	36.1
\$75,000+	831	34.4	30.1	38.7	31.8	27.8	35.8

Definition: “Yes” response to the question “Have you EVER had your blood cholesterol checked” AND “Yes” response to “Have you ever been told that your blood cholesterol is high?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 16 – Cardiovascular Disease Prevalence

**Ever been told by a health professional had a heart attack or myocardial infarction
Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)**

Table 16.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5037	4.4	3.8	5.0	4.0	3.5	4.6
REGION							
Central	563	5.6	3.8	7.4	5.5	3.8	7.3
Kansas City	954	4.3	3.0	5.6	4.0	2.8	5.2
Northeast	587	4.5	2.9	6.2	3.9	2.5	5.3
Northwest	604	5.2	3.6	6.9	4.8	3.4	6.3
Southeast	551	7.0	4.4	9.5	6.2	3.9	8.5
Southwest	555	4.3	2.8	5.8	3.9	2.5	5.4
St. Louis	736	3.1	1.9	4.3	2.9	1.9	4.0
GENDER							
Female	3120	3.1	2.5	3.7	2.7	2.2	3.2
Male	1917	5.7	4.6	6.9	5.7	4.7	6.7
RACE							
Black	437	2.8	1.2	4.3	2.9	1.3	4.5
Other	303	4.3	2.1	6.6	4.7	2.2	7.2
White	4258	4.5	3.8	5.2	4.1	3.5	4.7
EDUCATION							
<HS	527	10.4	7.3	13.5	9.3	5.9	12.8
HS	1762	5.2	4.0	6.4	4.2	3.2	5.2
>HS	2739	2.8	2.2	3.5	3.1	2.4	3.7
INCOME							
<\$15,000	541	8.5	5.5	11.4	7.5	5.1	10.0
\$15-24,999	850	7.7	5.8	9.6	6.2	4.5	7.9
\$25-34,999	599	6.5	4.0	8.9	4.5	2.8	6.3
\$35-49,999	747	3.7	2.3	5.2	3.8	2.3	5.2
\$50-74,999	693	1.5	0.6	2.4	1.7	0.6	2.9
\$75,000+	904	2.0	1.0	3.0	2.5	1.2	3.9

Definition: “Yes” response to the question “Has a doctor, nurse or other health professional EVER told you that you had a heart attack, also called a myocardial infarction?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 16 – Cardiovascular Disease Prevalence

Ever been told by a health professional had angina or coronary heart disease

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5012	4.0	3.4	4.6	3.7	3.2	4.3
REGION							
Central	555	4.3	2.6	6.0	4.1	2.6	5.7
Kansas City	950	3.3	2.3	4.3	3.1	2.2	4.0
Northeast	584	3.5	2.1	4.8	3.0	1.9	4.1
Northwest	601	5.2	3.6	6.8	4.9	3.5	6.4
Southeast	553	7.7	5.1	10.4	7.1	4.4	9.8
Southwest	549	4.5	2.9	6.0	4.1	2.6	5.6
St. Louis	732	3.0	1.8	4.4	2.9	1.7	4.0
GENDER							
Female	3104	3.3	2.7	3.9	2.8	2.3	3.4
Male	1908	4.8	3.8	5.9	4.9	3.9	5.9
RACE							
Black	438	2.5	0.9	4.0	2.5	1.0	4.0
Other	303	5.1	2.5	7.7	5.5	2.6	8.4
White	4232	4.1	3.4	4.7	3.7	3.1	4.3
EDUCATION							
<HS	525	8.4	5.5	11.4	7.7	4.0	11.5
HS	1753	4.4	3.3	5.5	3.5	2.6	4.4
>HS	2725	3.0	2.4	3.7	3.2	2.6	3.9
INCOME							
<\$15,000	542	5.8	3.6	8.1	5.5	3.5	7.5
\$15-24,999	843	6.3	4.4	8.1	5.5	3.5	7.6
\$25-34,999	594	5.9	3.6	8.1	3.9	2.5	5.2
\$35-49,999	742	3.7	2.3	5.1	3.6	2.4	4.8
\$50-74,999	693	1.7	0.8	2.7	2.2	0.9	3.5
\$75,000+	901	2.5	1.4	3.6	3.3	1.8	4.7

Definition: “Yes” response to the question “Has a doctor, nurse or other health professional EVER told you that you had angina or coronary heart disease?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 16 – Cardiovascular Disease Prevalence

Ever been told by a health professional had a stroke

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 16.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5043	3.0	2.5	3.5	2.8	2.4	3.3
REGION							
Central	565	3.3	1.9	4.7	3.3	1.9	4.7
Kansas City	951	3.0	2.0	4.0	2.8	1.9	3.7
Northeast	588	4.2	2.2	6.1	3.5	2.0	5.0
Northwest	606	3.1	1.9	4.4	3.0	1.7	4.3
Southeast	558	4.4	2.8	6.1	3.7	2.3	5.2
Southwest	553	3.5	2.1	4.9	3.1	1.9	4.3
St. Louis	733	1.8	0.8	2.8	1.8	0.8	2.8
GENDER							
Female	3125	2.8	2.2	3.4	2.5	1.9	3.0
Male	1918	3.3	2.5	4.1	3.3	2.5	4.1
RACE							
Black	438	2.6	1.0	4.3	2.7	1.0	4.3
Other	305	2.7	1.1	4.3	3.0	1.4	4.7
White	4261	3.1	2.6	3.7	2.8	2.3	3.4
EDUCATION							
<HS	532	7.9	5.0	10.8	7.8	3.9	11.6
HS	1766	3.3	2.5	4.2	2.8	2.0	3.6
>HS	2736	2.1	1.5	2.6	2.3	1.7	2.8
INCOME							
<\$15,000	550	7.4	5.0	9.8	7.2	4.7	9.8
\$15-24,999	849	4.7	3.1	6.4	4.1	2.3	5.9
\$25-34,999	598	5.9	3.6	8.2	4.5	2.6	6.5
\$35-49,999	746	2.8	1.5	4.1	2.9	1.7	4.2
\$50-74,999	692	1.9	0.8	2.9	2.4	1.0	3.8
\$75,000+	905	0.2	0.0	0.4	0.4	0.0	0.7

Definition: “Yes” response to the question “Has a doctor, nurse or other health professional EVER told you that you had a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 17 – Cardiovascular Health

Went to outpatient rehabilitation after had a heart attack

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	321	41.1	33.6	48.6
REGION				
Central	42	--		
Kansas City	54	--		
Northeast	32	--		
Northwest	49	--		
Southeast	40	--		
Southwest	37	--		
St. Louis	36	--		
GENDER				
Female	164	30.8	22.1	39.6
Male	157	47.1	36.7	57.5
RACE				
Black	24	--		
Other	21	--		
White	273	42.8	34.5	51.1
EDUCATION				
<HS	65	--		
HS	139	38.3	25.9	50.7
>HS	116	52.8	40.8	64.7
INCOME				
<\$15,000	67	--		
\$15-24,999	89	--		
\$25-34,999	40	--		
\$35-49,999	40	--		
\$50-74,999	16	--		
\$75,000+	23	--		

--Number too small to produce stable prevalence.

Definition: “Yes” response to “Has a doctor, nurse or other health professional ever told you had a heart attack, also called a myocardial infarction?” AND “Yes” response to “After you left the hospital following your heart attack did you go to any kind of outpatient rehabilitation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 17 – Cardiovascular Health

Went to outpatient rehabilitation after had a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	246	32.0	24.1	40.0
REGION				
Central	29	--		
Kansas City	43	--		
Northeast	30	--		
Northwest	34	--		
Southeast	37	--		
Southwest	31	--		
St. Louis	18	--		
GENDER				
Female	153	35.1	25.4	44.8
Male	93	29.3	17.2	41.4
RACE				
Black	16	--		
Other	14	--		
White	215	29.5	21.2	37.8
EDUCATION				
<HS	52	--		
HS	94	28.8	16.8	40.8
>HS	100	31.6	19.2	44.0
INCOME				
<\$15,000	65	--		
\$15-24,999	56	--		
\$25-34,999	39	--		
\$35-49,999	30	--		
\$50-74,999	15	--		
\$75,000+	5	--		

--Number too small to produce stable prevalence.

Definition: “Yes” response to “Has a doctor, nurse or other health professional ever told you had a stroke?” AND “Yes” response to “After you left the hospital following your stroke did you go to any kind of outpatient rehabilitation?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 17 – Cardiovascular Health

Age 35 and older: Take aspirin daily or every other day

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4644	25.8	24.1	27.5
REGION				
Central	528	25.6	21.5	29.7
Kansas City	877	24.7	21.3	28.0
Northeast	544	28.2	23.9	32.6
Northwest	558	28.3	23.9	32.7
Southeast	517	29.4	24.9	34.0
Southwest	521	26.2	21.7	30.7
St. Louis	660	24.7	20.8	28.7
GENDER				
Female	2898	24.2	22.2	26.2
Male	1746	27.6	24.8	30.3
RACE				
Black	380	22.9	17.6	28.3
Other	267	20.4	14.3	26.6
White	3965	26.5	24.6	28.3
EDUCATION				
<HS	476	32.5	26.0	39.1
HS	1601	31.0	27.8	34.2
>HS	2561	21.8	19.8	23.8
INCOME				
<\$15,000	493	30.1	23.8	36.4
\$15-24,999	778	30.4	25.9	35.0
\$25-34,999	559	30.9	25.8	36.0
\$35-49,999	702	25.3	21.1	29.5
\$50-74,999	654	20.6	16.8	24.5
\$75,000+	847	20.7	17.4	24.0

Definition: Among respondents age 35 and older, “Yes” response to “Do you take aspirin daily or every other day?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 17 – Cardiovascular Health

Age 35 and older: Do not take aspirin daily or every other day because of stomach or other health problem

Crude Prevalence With 95% Confidence Intervals (CI)

Table 17.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	2973	11.8	10.1	13.4
REGION				
Central	327	14.2	9.4	18.9
Kansas City	602	10.5	7.9	13.2
Northeast	344	8.5	5.7	11.2
Northwest	325	13.5	9.4	17.6
Southeast	326	10.8	7.2	14.4
Southwest	333	11.4	7.8	15.1
St. Louis	422	12.9	8.6	17.1
GENDER				
Female	1905	14.2	12.0	16.3
Male	1068	9.0	6.5	11.5
RACE				
Black	245	10.3	5.5	15.1
Other	191	14.5	7.9	21.2
White	2520	11.6	9.9	13.4
EDUCATION				
<HS	278	18.9	12.0	25.8
HS	960	13.5	10.2	16.7
>HS	1731	9.9	8.1	11.8
INCOME				
<\$15,000	288	13.5	9.2	17.8
\$15-24,999	469	16.6	12.1	21.1
\$25-34,999	345	13.2	8.8	17.5
\$35-49,999	439	13.8	8.1	19.4
\$50-74,999	475	10.1	6.3	13.8
\$75,000+	605	8.6	5.7	11.5

Definition: Among respondents age 35 and older: “No” response to “Do you take aspirin daily or every other day?” AND “Yes, not stomach related” AND “Yes, stomach problems” to “Do you have a health problem or condition that makes taking aspirin unsafe for you?” If yes, “Is this a stomach condition?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 18 – Heart Attack and Stroke Signs and Symptoms
Know pain or discomfort in the jaw, neck or back are symptoms of a heart attack
Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3995	69.4	67.1	71.8
REGION				
Central	455	67.7	61.2	74.3
Kansas City	766	69.0	64.6	73.5
Northeast	458	74.1	68.3	80.0
Northwest	482	70.4	63.9	76.8
Southeast	447	72.9	67.2	78.7
Southwest	458	73.2	67.4	79.0
St. Louis	565	68.4	62.7	74.2
GENDER				
Female	2514	77.8	75.0	80.5
Male	1481	60.1	56.2	63.9
RACE				
Black	296	54.7	45.9	63.6
Other	210	66.4	56.5	76.3
White	3462	70.9	68.3	73.5
EDUCATION				
<HS	366	55.2	46.8	63.6
HS	1362	65.8	61.7	70.0
>HS	2263	73.5	70.5	76.5
INCOME				
<\$15,000	392	56.7	47.1	66.4
\$15-24,999	647	65.6	59.6	71.7
\$25-34,999	472	72.1	66.0	78.3
\$35-49,999	625	69.7	63.8	75.7
\$50-74,999	586	72.2	66.6	77.9
\$75,000+	765	74.6	70.0	79.2

Definition: “Yes” response to “Do you think pain or discomfort in the jaw, neck or back are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know feeling weak, lightheaded or faint are symptoms of a heart attack

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3854	75.0	72.9	77.1
REGION				
Central	437	74.6	69.0	80.1
Kansas City	736	73.0	68.8	77.3
Northeast	440	76.2	71.0	81.4
Northwest	469	78.3	73.2	83.3
Southeast	417	76.5	71.3	81.7
Southwest	432	76.0	70.7	81.2
St. Louis	557	75.4	70.5	80.2
GENDER				
Female	2369	77.3	74.8	79.8
Male	1485	72.6	69.2	75.9
RACE				
Black	309	62.6	54.3	70.9
Other	214	82.2	75.7	88.8
White	3305	75.4	73.2	77.7
EDUCATION				
<HS	350	70.0	63.0	77.1
HS	1314	70.0	66.0	74.0
>HS	2185	78.5	75.9	81.0
INCOME				
<\$15,000	404	69.0	60.6	77.4
\$15-24,999	636	69.7	64.2	75.2
\$25-34,999	449	70.4	63.9	76.8
\$35-49,999	593	72.2	66.3	78.0
\$50-74,999	570	81.8	77.3	86.4
\$75,000+	739	78.5	74.5	82.4

Definition: “Yes” response to “Do you think feeling weak, lightheaded, or faint are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms
Know chest pain or discomfort are symptoms of a heart attack
Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4497	97.2	96.5	97.9
REGION				
Central	516	98.0	96.3	99.8
Kansas City	851	95.7	93.7	97.8
Northeast	522	98.2	97.1	99.3
Northwest	535	96.4	93.6	99.1
Southeast	504	96.5	93.9	99.1
Southwest	504	97.8	96.3	99.3
St. Louis	642	98.5	97.4	99.6
GENDER				
Female	2812	97.5	96.6	98.3
Male	1685	97.0	95.8	98.1
RACE				
Black	362	93.3	89.7	96.9
Other	255	93.0	87.9	98.1
White	3848	97.9	97.3	98.5
EDUCATION				
<HS	438	94.0	91.4	96.7
HS	1546	96.0	94.6	97.5
>HS	2507	98.4	97.6	99.2
INCOME				
<\$15,000	466	96.0	93.8	98.2
\$15-24,999	747	96.2	94.3	98.1
\$25-34,999	538	97.2	95.5	99.0
\$35-49,999	691	98.3	96.7	99.8
\$50-74,999	648	98.8	97.8	99.7
\$75,000+	833	98.5	97.4	99.6

Definition: “Yes” response to “Do you think chest pain or discomfort are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden trouble seeing in one or both eyes is NOT a symptom of a heart attack

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.4	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3203	58.8	56.1	61.5
REGION				
Central	360	57.5	50.4	64.7
Kansas City	621	54.7	49.6	59.8
Northeast	344	52.6	45.8	59.5
Northwest	374	56.3	48.8	63.7
Southeast	339	62.4	56.0	68.8
Southwest	371	64.7	58.4	70.9
St. Louis	480	58.8	52.3	65.3
GENDER				
Female	1961	60.2	56.9	63.5
Male	1242	57.4	53.1	61.7
Black	272	55.1	45.9	64.2
Other	179	48.8	37.8	59.8
White	2730	60.0	57.1	62.9
EDUCATION				
<HS	279	64.0	54.4	73.5
HS	1073	59.4	54.9	64.0
>HS	1846	57.7	54.2	61.2
INCOME				
<\$15,000	344	55.5	45.7	65.4
\$15-24,999	508	57.1	50.2	64.1
\$25-34,999	365	58.8	51.6	65.9
\$35-49,999	504	57.4	50.2	64.6
\$50-74,999	478	56.8	50.4	63.3
\$75,000+	627	62.1	56.7	67.6

Definition: “No” response to “Do you think sudden trouble seeing in one or both eyes is a symptom of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know feeling pain or discomfort in the arms or shoulders are symptoms of a heart attack
Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4404	94.5	93.4	95.6
REGION				
Central	497	94.3	91.0	97.5
Kansas City	838	94.1	92.1	96.1
Northeast	511	97.2	95.6	98.7
Northwest	530	95.8	94.0	97.6
Southeast	493	97.1	94.6	99.5
Southwest	505	95.5	93.2	97.8
St. Louis	629	94.7	92.3	97.2
GENDER				
Female	2760	95.1	93.7	96.4
Male	1644	94.0	92.2	95.7
RACE				
Black	341	88.5	83.1	93.8
Other	247	92.9	87.8	98.0
White	3784	95.2	94.1	96.3
EDUCATION				
<HS	419	90.4	85.4	95.3
HS	1512	95.0	93.5	96.5
>HS				
INCOME				
<\$15,000	450	94.1	91.5	96.7
\$15-24,999	731	92.9	90.3	95.5
\$25-34,999	529	93.7	90.5	96.9
\$35-49,999	679	95.3	92.6	98.1
\$50-74,999	635	94.4	91.0	97.9
\$75,000+	827	96.5	94.7	98.2

Definition: “Yes” response to “Do you think pain or discomfort in the arms or shoulders are symptoms of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know shortness of breath is a symptom of a heart attack

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4264	91.1	89.8	92.4
REGION				
Central	487	88.5	84.3	92.7
Kansas City	814	89.9	87.1	92.6
Northeast	482	94.5	92.3	96.7
Northwest	518	93.2	90.8	95.5
Southeast	474	92.6	89.2	95.9
Southwest	476	93.5	90.9	96.1
St. Louis	613	90.3	87.4	93.3
GENDER				
Female	2667	92.5	91.0	93.9
Male	1597	89.5	87.4	91.7
RACE				
Black	336	87.4	82.6	92.2
Other	240	88.4	82.7	94.2
White	3662	91.6	90.3	93.0
EDUCATION				
<HS	407	85.3	79.8	90.7
HS	1456	89.9	87.6	92.2
>HS	2397	92.6	91.1	94.1
INCOME				
<\$15,000	438	93.6	91.2	96.0
\$15-24,999	712	88.6	84.9	92.3
\$25-34,999	499	90.3	86.3	94.3
\$35-49,999	646	90.6	87.1	94.1
\$50-74,999	625	94.4	92.0	96.9
\$75,000+	814	92.3	89.8	94.8

Definition: “Yes” response to “Do you think shortness of breath is a symptom of a heart attack?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Correctly answered all signs and symptom of a heart attack questions

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4606	13.4	11.8	15.0
REGION				
Central	524	10.3	7.4	13.3
Kansas City	869	14.0	11.0	16.9
Northeast	537	15.1	11.4	18.8
Northwest	553	17.0	12.3	21.8
Southeast	514	13.0	9.4	16.6
Southwest	520	12.6	9.1	16.0
St. Louis	656	14.4	10.3	18.5
GENDER				
Female	2879	13.5	11.7	15.2
Male	1727	13.3	10.6	16.0
RACE				
Black	369	11.2	6.1	16.2
Other	263	16.0	9.4	22.7
White	3941	13.3	11.6	15.0
EDUCATION				
<HS	466	7.9	4.3	11.5
HS	1585	12.9	10.4	15.5
>HS	2549	14.5	12.3	16.7
INCOME				
<\$15,000	484	10.9	6.7	15.0
\$15-24,999	771	16.2	11.7	20.7
\$25-34,999	556	11.7	8.3	15.0
\$35-49,999	700	15.2	10.3	20.1
\$50-74,999	653	16.2	12.3	20.1
\$75,000+	844	11.5	8.3	14.7

Definition: “Yes” response to 18.1-3 AND 18.5-6 AND “No” response to 18.4.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden confusion or trouble speaking are symptoms of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.8	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4365	97.5	96.8	98.2
REGION				
Central	500	97.9	96.2	99.7
Kansas City	831	97.5	95.9	99.0
Northeast	505	98.1	96.9	99.3
Northwest	534	98.8	98.0	99.7
Southeast	481	96.7	93.8	99.6
Southwest	486	96.6	94.1	99.1
St. Louis	621	98.4	97.3	99.5
GENDER				
Female	2750	98.3	97.7	98.9
Male	1615	96.6	95.3	98.0
RACE				
Black	335	93.9	90.5	97.3
Other	253	93.0	87.9	98.1
White	3747	98.2	97.6	98.9
EDUCATION				
<HS	407	96.4	94.6	98.3
HS	1474	95.7	93.9	97.5
>HS	2478	98.7	98.0	99.3
INCOME				
<\$15,000	430	96.4	94.7	98.1
\$15-24,999	727	95.7	93.3	98.0
\$25-34,999	521	96.4	93.2	99.6
\$35-49,999	668	98.2	96.7	99.6
\$50-74,999	636	99.4	98.5	100.3
\$75,000+	828	97.9	96.4	99.4

Definition: “Yes” response to “Do you think sudden confusion or trouble speaking are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden numbness or weakness of face, arm or leg especially on one side are symptoms of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.9	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4483	98.5	98.0	99.0
REGION				
Central	509	99.0	97.8	100.1
Kansas City	854	98.4	97.4	99.5
Northeast	523	97.9	96.5	99.2
Northwest	538	99.3	98.7	99.9
Southeast	495	99.4	98.8	100.0
Southwest	502	98.7	97.4	99.9
St. Louis	642	98.1	96.7	99.4
GENDER				
Female	2802	98.8	98.1	99.4
Male	1681	98.2	97.4	99.1
RACE				
Black	354	98.1	96.6	99.6
Other	251	96.4	93.0	99.8
White	3848	98.7	98.2	99.3
EDUCATION				
<HS	438	97.7	96.3	99.1
HS	1527	98.6	97.8	99.4
>HS	2511	98.6	97.9	99.3
INCOME				
<\$15,000	459	98.7	97.8	99.6
\$15-24,999	745	97.9	96.7	99.0
\$25-34,999	541	98.9	98.0	99.8
\$35-49,999	686	98.5	96.8	100.1
\$50-74,999	642	98.4	96.6	100.2
\$75,000+	839	98.5	97.4	99.6

Definition: “Yes” response to “Do you think sudden numbness or weakness of face, arm, or leg, especially on one side, are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden trouble seeing in one or both eyes is a symptom of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.10	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3561	90.7	89.1	92.3
REGION				
Central	409	90.6	86.4	94.8
Kansas City	693	89.7	86.8	92.5
Northeast	406	93.1	89.9	96.3
Northwest	425	93.4	90.5	96.2
Southeast	391	91.1	86.9	95.3
Southwest	386	94.6	91.9	97.3
St. Louis	504	89.3	85.2	93.4
GENDER				
Female	2228	92.8	91.2	94.5
Male	1333	88.3	85.5	91.1
RACE				
Black	276	84.0	77.4	90.5
Other	195	89.3	82.4	96.1
White	3063	91.4	89.7	93.1
EDUCATION				
<HS	293	79.1	70.8	87.3
HS	1147	86.2	82.7	89.8
>HS	2116	94.4	92.9	95.9
INCOME				
<\$15,000	353	85.1	79.2	91.0
\$15-24,999	571	83.7	78.5	88.8
\$25-34,999	422	90.1	86.0	94.1
\$35-49,999	551	93.2	90.1	96.2
\$50-74,999	533	93.8	90.7	96.9
\$75,000+	717	94.8	92.1	97.6

Definition: “Yes” response to “Do you think sudden trouble seeing in one or both eyes is a symptom of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden chest pain or discomfort are NOT symptoms of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.11	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3238	57.8	55.2	60.4
REGION				
Central	365	53.1	46.0	60.2
Kansas City	619	61.5	56.4	66.5
Northeast	349	47.7	41.0	54.4
Northwest	401	55.7	48.7	62.7
Southeast	347	52.9	46.2	59.7
Southwest	371	60.7	54.3	67.2
St. Louis	460	60.4	54.2	66.7
GENDER				
Female	1952	59.1	55.8	62.4
Male	1286	56.5	52.5	60.6
RACE				
Black	267	38.2	29.5	47.0
Other	190	41.8	31.7	52.0
White	2756	61.0	58.2	63.8
EDUCATION				
<HS	303	33.8	25.6	41.9
HS	1068	48.5	43.8	53.2
>HS	1864	66.0	62.8	69.2
INCOME				
<\$15,000	333	40.2	29.9	50.4
\$15-24,999	524	38.6	32.1	45.1
\$25-34,999	364	59.5	52.1	66.9
\$35-49,999	503	60.7	54.2	67.3
\$50-74,999	485	63.0	56.9	69.1
\$75,000+	621	70.4	65.3	75.5

Definition: “No” response to “Do you think sudden chest pain or discomfort are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know sudden trouble walking, dizziness or loss of balance are symptoms of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.12	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4154	94.8	93.8	95.8
REGION				
Central	472	95.7	93.3	98.1
Kansas City	791	92.0	89.1	94.9
Northeast	481	94.6	92.2	97.0
Northwest	502	94.9	92.0	97.8
Southeast	460	95.2	92.8	97.7
Southwest	469	95.3	92.8	97.8
St. Louis	587	96.1	94.2	97.9
GENDER				
Female	2579	95.2	94.0	96.5
Male	1575	94.3	92.8	95.9
RACE				
Black	322	89.7	84.3	95.1
Other	234	94.7	91.0	98.5
White	3570	95.3	94.3	96.3
EDUCATION				
<HS	381	88.4	83.5	93.3
HS	1397	93.5	91.7	95.3
>HS	2369	96.4	95.3	97.6
INCOME				
<\$15,000	421	94.2	91.4	96.9
\$15-24,999	665	92.5	89.9	95.1
\$25-34,999	500	94.4	91.9	96.9
\$35-49,999	647	94.8	92.1	97.4
\$50-74,999	613	96.5	94.5	98.6
\$75,000+	795	97.5	96.1	98.9

Definition: “Yes” response to “Do you think sudden trouble walking, dizziness, or loss of balance are symptoms of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Know severe headache with no known cause is a symptom of a stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.13	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	3423	75.9	73.6	78.2
REGION				
Central	397	72.7	66.2	79.3
Kansas City	649	73.2	68.6	77.9
Northeast	383	80.8	75.7	85.8
Northwest	405	78.6	72.2	85.0
Southeast	379	79.8	74.3	85.4
Southwest	374	77.7	71.8	83.6
St. Louis	501	75.7	70.3	81.0
GENDER				
Female	2192	81.3	78.6	84.0
Male	1231	69.7	65.8	73.6
RACE				
Black	283	75.0	66.8	83.2
Other	198	74.8	64.7	84.9
White	2922	76.1	73.6	78.6
EDUCATION				
<HS	320	64.7	55.6	73.7
HS	1126	72.9	68.7	77.2
>HS	1973	79.2	76.4	82.0
INCOME				
<\$15,000	354	73.9	64.7	83.1
\$15-24,999	548	69.3	62.8	75.8
\$25-34,999	412	74.1	67.5	80.6
\$35-49,999	530	73.0	66.6	79.3
\$50-74,999	498	76.6	70.9	82.3
\$75,000+	671	83.1	79.2	87.0

Definition: “Yes” response to “Do you think severe headache with no known cause is a symptom of a stroke?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Correctly answered all signs and symptoms of a stroke questions

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.14	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4587	21.2	19.4	23.1
REGION				
Central	524	20.3	15.8	24.8
Kansas City	869	20.0	16.9	23.1
Northeast	533	14.6	11.0	18.2
Northwest	554	18.8	14.4	23.1
Southeast	507	20.2	15.9	24.6
Southwest	515	24.7	20.0	29.4
St. Louis	652	22.7	18.2	27.2
GENDER				
Female	2860	23.1	20.8	25.3
Male	1727	19.3	16.4	22.1
RACE				
Black	369	9.2	5.6	12.7
Other	263	16.0	9.7	22.3
White	3922	22.8	20.7	24.8
EDUCATION				
<HS	461	6.1	3.2	9.0
HS	1575	14.5	11.9	17.1
>HS	2544	27.4	24.8	30.1
INCOME				
<\$15,000	480	13.6	6.2	20.9
\$15-24,999	768	10.9	7.5	14.3
\$25-34,999	552	18.0	13.7	22.3
\$35-49,999	698	20.2	15.3	25.0
\$50-74,999	653	26.5	21.8	31.3
\$75,000+	844	31.1	26.8	35.3

Definition: “Yes” response to 18.8-10 AND 18. 12-13 AND “No” response to 18.11.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 18 – Heart Attack and Stroke Signs and Symptoms

Would first call 911 if they thought someone was having a heart attack or stroke

Crude Prevalence With 95% Confidence Intervals (CI)

Table 18.15	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4604	86.9	85.4	88.4
REGION				
Central	522	86.1	82.0	90.2
Kansas City	868	86.8	84.0	89.7
Northeast	537	84.1	80.3	88.0
Northwest	555	90.1	87.2	92.9
Southeast	513	79.6	74.9	84.4
Southwest	518	85.6	81.9	89.4
St. Louis	654	89.5	85.8	93.2
GENDER				
Female	2866	88.5	86.9	90.1
Male	1738	85.1	82.5	87.7
RACE				
Black	377	88.5	83.6	93.4
Other	265	88.8	84.2	93.4
White	3929	86.8	85.1	88.5
EDUCATION				
<HS	470	85.4	81.1	89.7
HS	1585	87.1	84.7	89.5
>HS	2542	87.0	84.8	89.1
INCOME				
<\$15,000	487	83.9	78.8	89.1
\$15-24,999	771	83.7	79.0	88.3
\$25-34,999	552	87.2	83.2	91.3
\$35-49,999	698	85.1	80.3	89.9
\$50-74,999	652	91.1	88.5	93.6
\$75,000+	843	87.9	84.8	90.9

Definition: “Call 911” response to the question “If you thought someone was having a heart attack or a stroke, what is the first thing you would do?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Had been tested for high blood sugar or diabetes within past three years, among those that had not been told they had diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4306	56.2	53.8	58.5
REGION				
Central	487	50.3	44.1	56.5
Kansas City	825	54.3	49.7	58.8
Northeast	505	53.9	47.6	60.3
Northwest	509	53.6	47.0	60.1
Southeast	474	58.3	52.4	64.1
Southwest	477	59.8	54.0	65.7
St. Louis	635	57.5	52.0	62.9
GENDER				
Female	2687	59.6	56.8	62.4
Male	1619	52.5	48.7	56.2
RACE				
Black	345	61.8	54.0	69.5
Other	260	57.2	48.2	66.2
White	3664	55.6	53.0	58.2
EDUCATION				
<HS	427	47.9	39.8	56.0
HS	1479	55.5	51.4	59.6
>HS	2393	57.8	54.7	60.8
INCOME				
<\$15,000	420	51.7	43.2	60.3
\$15-24,999	704	55.2	49.2	61.2
\$25-34,999	502	58.1	51.4	64.9
\$35-49,999	640	59.6	53.4	65.8
\$50-74,999	628	53.7	47.8	59.5
\$75,000+	822	59.1	54.4	63.8

Definition: ‘No’ response to “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Have you had a test for high blood sugar or diabetes within the past three years?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

***Had been told by a doctor or other health professional had pre-diabetes or borderline diabetes
Crude Prevalence With 95% Confidence Intervals (CI)***

Table 19.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	4440	5.7	4.8	6.6
REGION				
Central	507	5.3	2.7	7.8
Kansas City	851	4.2	2.8	5.6
Northeast	515	5.6	3.6	7.7
Northwest	523	8.2	4.9	11.5
Southeast	481	7.9	5.1	10.8
Southwest	496	7.0	4.5	9.6
St. Louis	656	5.0	3.1	6.8
GENDER				
Female	2764	6.4	5.2	7.6
Male	1676	5.0	3.8	6.3
RACE				
Black	351	6.8	3.5	10.1
Other	268	5.8	3.1	8.4
White	3783	5.5	4.6	6.5
EDUCATION				
<HS	442	8.4	4.6	12.2
HS	1531	6.3	4.6	7.9
>HS	2461	4.9	3.9	5.9
INCOME				
<\$15,000	434	7.2	4.4	10.0
\$15-24,999	725	6.5	3.8	9.1
\$25-34,999	521	7.1	4.5	9.8
\$35-49,999	656	6.8	4.3	9.2
\$50-74,999	637	4.3	2.4	6.2
\$75,000+	847	4.0	2.4	5.5

Definition: “Yes” response to “Have you ever been told by a doctor or other health professional that you have pre-diabetes or borderline diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Ever been told by a doctor have diabetes

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 19.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5053	7.9	7.1	8.8	7.4	6.6	8.3
REGION							
Central	564	6.4	4.5	8.4	6.3	4.4	8.1
Kansas City	956	8.5	6.6	10.3	8.0	6.3	9.7
Northeast	589	9.4	6.8	12.0	8.5	6.3	10.7
Northwest	606	9.8	7.2	12.5	9.6	7.1	12.0
Southeast	558	10.9	8.1	13.7	10.3	7.5	13.2
Southwest	554	7.4	5.2	9.6	6.6	4.8	8.4
St. Louis	735	6.2	4.3	8.0	5.6	4.0	7.1
GENDER							
Female	3130	7.8	6.7	8.9	7.0	6.0	8.0
Male	1923	8.1	6.7	9.5	8.0	6.6	9.3
RACE							
Black	441	14.4	10.3	18.6	14.2	10.4	18.1
Other	305	7.4	4.1	10.8	7.9	4.7	11.2
White	4268	7.4	6.4	8.3	6.8	5.9	7.7
EDUCATION							
<HS	536	13.6	9.8	17.5	14.8	10.1	19.4
HS	1769	9.7	7.9	11.4	8.4	6.7	10.1
>HS	2740	6.0	5.0	6.9	6.2	5.3	7.1
INCOME							
<\$15,000	553	14.4	10.6	18.1	15.1	11.4	18.9
\$15-24,999	854	10.7	7.9	13.4	9.8	6.5	13.0
\$25-34,999	599	11.4	8.1	14.6	8.3	5.9	10.7
\$35-49,999	747	8.6	6.2	11.0	8.5	6.3	10.8
\$50-74,999	693	6.1	4.0	8.2	6.5	4.5	8.5
\$75,000+	905	4.0	2.7	5.4	4.1	2.7	5.4

Definition: “Yes” response to the question, “Have you ever been told by a doctor you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Told they had diabetes at age 18-44
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	590	29.7	23.7	35.6
REGION				
Central	55	18.3	6.1	30.4
Kansas City	100	35.2	23.2	47.3
Northeast	70	25.1	13.0	37.1
Northwest	83	24.3	12.2	36.4
Southeast	74	38.9	24.9	52.9
Southwest	58	20.2	5.0	35.4
St. Louis	76	24.7	9.7	39.7
GENDER				
Female	351	28.0	21.2	34.9
Male	239	31.3	21.8	40.9
RACE				
Black	85	51.5	36.4	66.5
Other	36	--	---	--
White	469	24.8	18.4	31.2
EDUCATION				
<HS	86	37.2	21.5	52.9
HS	229	33.0	22.9	43.0
>HS	273	23.9	16.7	31.1
INCOME				
<\$15,000	112	39.0	25.3	52.8
\$15-24,999	126	36.0	21.1	50.9
\$25-34,999	76	18.8	5.3	32.4
\$35-49,999	89	22.6	8.6	36.7
\$50-74,999	56	36.3	17.6	54.9
\$75,000+	58	28.5	11.7	45.4

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND any age 18 through 44 to “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Told they had diabetes at age 45-64
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	590	49.6	43.9	55.4
REGION				
Central	55	42.1	27.2	57.1
Kansas City	100	48.3	36.8	59.7
Northeast	70	56.6	42.5	70.8
Northwest	83	51.6	37.8	65.5
Southeast	74	43.3	30.0	56.6
Southwest	58	59.0	43.3	74.7
St. Louis	76	54.7	38.9	70.5
GENDER				
Female	351	50.7	43.4	58.0
Male	239	48.6	39.6	57.5
RACE				
Black	85	34.6	21.8	47.3
Other	36	--	--	--
White	469	52.9	46.4	59.4
EDUCATION				
<HS	86	38.9	24.9	52.8
HS	229	52.4	42.9	62.0
>HS	273	51.0	42.9	59.1
INCOME				
<\$15,000	112	47.7	34.5	60.9
\$15-24,999	126	32.5	21.6	43.4
\$25-34,999	76	48.1	32.9	63.3
\$35-49,999	89	61.7	47.1	76.4
\$50-74,999	56	52.4	34.6	70.2
\$75,000+	58	62.3	45.4	79.2

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND any age 45 through 64 to “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Told they had diabetes at age 65 or older
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	590	18.7	14.9	22.5
REGION				
Central	55	29.8	16.9	42.8
Kansas City	100	15.2	8.1	22.4
Northeast	70	17.6	8.4	26.7
Northwest	83	13.7	6.1	21.3
Southeast	74	16.2	8.2	24.2
Southwest	58	20.8	11.0	30.6
St. Louis	76	20.6	9.4	31.7
GENDER				
Female	351	18.5	13.5	23.4
Male	239	18.9	13.0	24.8
RACE				
Black	85	13.4	3.8	23.0
Other	36	--	--	--
White	469	20.0	15.5	24.4
EDUCATION				
<HS	86	23.2	11.5	34.8
HS	229	14.4	9.1	19.7
>HS	273	20.9	15.1	26.8
INCOME				
<\$15,000	112	12.5	6.2	18.7
\$15-24,999	126	28.8	17.6	40.0
\$25-34,999	76	31.6	17.7	45.5
\$35-49,999	89	10.3	3.5	17.0
\$50-74,999	56	11.4	2.7	20.0
\$75,000+	58	7.7	1.2	14.1

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND any age 65 and older “How old were you when you were told you have diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Currently taking insulin for diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.5	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	615	29.7	24.4	35.0
REGION				
Central	58	29.2	14.4	44.1
Kansas City	105	39.4	27.6	51.3
Northeast	74	26.8	15.1	38.4
Northwest	83	27.8	13.5	42.0
Southeast	77	22.3	11.7	32.8
Southwest	59	24.5	10.8	38.3
St. Louis	79	28.3	13.6	43.0
GENDER				
Female	367	29.8	23.1	36.6
Male	248	29.5	21.2	37.8
RACE				
Black	90	28.8	15.3	42.4
Other	37	--	--	--
White	487	30.9	24.9	36.9
EDUCATION				
<HS	94	32.7	17.7	47.7
HS	238	28.6	20.6	36.6
>HS	281	29.6	22.0	37.2
INCOME				
<\$15,000	119	28.6	18.0	39.2
\$15-24,999	129	23.7	14.8	32.7
\$25-34,999	78	36.4	21.0	51.8
\$35-49,999	91	29.5	16.4	42.6
\$50-74,999	57	42.5	24.1	60.8
\$75,000+	58	24.5	8.3	40.8

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Are you now taking insulin?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

**Blood glucose checked one or more times per day by someone other than a health professional
Crude Prevalence With 95% Confidence Intervals (CI)**

Table 19.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	611	60.8	55.2	66.3
REGION				
Central	57	63.9	49.9	77.9
Kansas City	105	59.2	48.0	70.5
Northeast	73	60.2	45.3	75.1
Northwest	83	65.5	53.4	77.5
Southeast	77	70.8	59.7	82.0
Southwest	59	57.8	42.2	73.5
St. Louis	78	60.4	45.7	75.2
GENDER				
Female	365	68.2	61.4	74.9
Male	246	53.0	44.2	61.9
RACE				
Black	89	75.1	64.4	85.7
Other	37	--	--	--
White	485	58.3	52.1	64.5
EDUCATION				
<HS	94	73.1	61.3	85.0
HS	237	57.5	48.0	67.1
>HS	278	58.7	50.6	66.8
INCOME				
<\$15,000	118	68.4	56.2	80.7
\$15-24,999	129	65.1	51.0	79.2
\$25-34,999	78	65.4	51.3	79.5
\$35-49,999	91	61.9	48.1	75.7
\$50-74,999	55	51.8	34.1	69.5
\$75,000+	58	35.0	19.7	50.3

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “1” or greater times per day to “About how often do you check your blood glucose or sugar?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Feet checked for sores or irritations daily by someone other than a health professional
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	599	60.3	54.7	65.8
REGION				
Central	55	57.8	43.0	72.6
Kansas City	104	64.2	52.7	75.8
Northeast	70	66.4	53.9	78.9
Northwest	82	69.1	56.7	81.5
Southeast	73	61.5	48.1	74.8
Southwest	59	57.9	42.7	73.2
St. Louis	77	60.2	46.2	74.1
GENDER				
Female	358	68.9	62.7	75.2
Male	241	51.2	42.2	60.3
RACE				
Black	90	68.3	52.8	83.8
Other	36	--	--	--
White	472	60.2	53.9	66.5
EDUCATION				
<HS	90	74.7	63.5	85.9
HS	229	52.8	43.1	62.6
>HS	278	61.4	53.9	69.0
INCOME				
<\$15,000	116	64.3	51.4	77.2
\$15-24,999	126	65.0	50.6	79.4
\$25-34,999	76	54.7	39.1	70.3
\$35-49,999	88	46.2	31.8	60.6
\$50-74,999	56	60.0	43.2	76.8
\$75,000+	57	62.5	46.1	78.9

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “1” or greater times per day to “About how often do you check your feet for sores or irritations?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Had not seen a doctor in past 12 months for their diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.8.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	10.6	7.5	13.7
REGION				
Central	57	13.8	2.5	25.0
Kansas City	103	12.4	5.4	19.4
Northeast	70	7.6	1.4	13.8
Northwest	81	16.8	8.1	25.5
Southeast	75	12.5	4.3	20.6
Southwest	56	10.5	2.7	18.4
St. Louis	75	6.1	0.0	13.8
GENDER				
Female	354	8.1	5.0	11.2
Male	240	13.3	7.8	18.7
RACE				
Black	84	12.2	0.7	23.7
Other	36	--	--	--
White	474	9.6	6.7	12.5
EDUCATION				
<HS	86	9.0	2.6	15.3
HS	232	13.6	7.4	19.7
>HS	274	8.5	5.1	11.8
INCOME				
<\$15,000	115	12.6	1.3	24.0
\$15-24,999	123	9.8	3.6	16.0
\$25-34,999	76	16.6	7.1	26.1
\$35-49,999	88	10.5	3.7	17.2
\$50-74,999	56	3.8	0.0	8.3
\$75,000+	58	8.3	0.9	15.6

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “0” to “About how many times in the past 12 months have you seen a doctor, nurse or other health professional for your diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Had seen a doctor once in past 12 months for their diabetes
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.8.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	10.9	7.7	14.0
REGION				
Central	57	19.2	7.1	31.3
Kansas City	103	13.0	6.6	19.5
Northeast	70	13.6	4.5	22.7
Northwest	81	10.7	3.1	18.4
Southeast	75	7.1	0.2	14.1
Southwest	56	17.5	4.8	30.2
St. Louis	75	5.2	0.0	11.7
GENDER				
Female	354	8.4	4.6	12.1
Male	240	13.5	8.3	18.7
RACE				
Black	84	10.9	1.2	20.5
Other	36	--	--	--
White	474	11.6	8.1	15.0
EDUCATION				
<HS	86	5.5	0.9	10.1
HS	232	10.5	5.3	15.6
>HS	274	13.2	8.0	18.3
INCOME				
<\$15,000	115	9.0	2.2	15.8
\$15-24,999	123	6.3	0.0	13.2
\$25-34,999	76	8.4	3.0	13.9
\$35-49,999	88	8.9	1.9	15.9
\$50-74,999	56	20.7	6.9	34.5
\$75,000+	58	17.3	6.2	28.4

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “1” to “About how many times in the past 12 months have you seen a doctor, nurse or other health professional for your diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Had seen a doctor two or more times in past 12 months for their diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.8.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	594	78.5	74.4	82.7
REGION				
Central	57	67.0	52.8	81.2
Kansas City	103	74.6	65.5	83.7
Northeast	70	78.8	68.1	89.4
Northwest	81	72.5	61.3	83.6
Southeast	75	80.4	70.2	90.7
Southwest	56	71.9	57.9	85.9
St. Louis	75	88.7	79.0	98.4
GENDER				
Female	354	83.6	78.9	88.2
Male	240	73.2	66.1	80.3
RACE				
Black	84	76.9	63.1	90.7
Other	36	--	--	--
White	474	78.9	74.6	83.1
EDUCATION				
<HS	86	85.6	77.7	93.5
HS	232	76.0	68.4	83.5
>HS	274	78.4	72.4	84.3
INCOME				
<\$15,000	115	78.4	66.0	90.7
\$15-24,999	123	83.8	74.9	92.8
\$25-34,999	76	75.0	64.1	85.8
\$35-49,999	88	80.6	71.0	90.2
\$50-74,999	56	75.5	61.2	89.7
\$75,000+	58	74.4	61.4	87.4

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “2” or greater to “About how many times in the past 12 months have you seen a doctor, nurse or other health professional for your diabetes?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Had 0 “A one C” tests in the past year
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.9.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	576	10.4	6.9	14.0
REGION				
Central	54	7.7	0.0	15.8
Kansas City	101	10.9	3.5	18.3
Northeast	68	11.3	3.8	18.7
Northwest	81	11.7	4.4	19.1
Southeast	68	11.1	2.7	19.5
Southwest	55	17.4	2.5	32.4
St. Louis	76	4.7	0.0	11.9
GENDER				
Female	348	7.5	4.3	10.8
Male	228	13.5	7.1	19.8
RACE				
Black	82	18.0	5.6	30.5
Other	37	--	--	--
White	457	7.5	4.3	10.6
EDUCATION				
<HS	86	16.5	6.3	26.7
HS	221	13.3	5.9	20.6
>HS	267	5.5	2.5	8.6
INCOME				
<\$15,000	110	21.5	7.9	35.2
\$15-24,999	122	13.3	6.3	20.2
\$25-34,999	75	6.6	1.6	11.6
\$35-49,999	86	10.7	0.0	22.2
\$50-74,999	55	4.5	0.0	10.5
\$75,000+	57	5.4	0.0	12.0

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “0” to “About how many times in the past 12 months has a doctor, nurse or other health professional checked you for ‘A one C’?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Had 1 “A one C” tests in the past year
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.9.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	576	16.1	11.9	20.2
REGION				
Central	54	28.4	15.3	41.5
Kansas City	101	16.0	8.3	23.7
Northeast	68	13.3	3.5	23.2
Northwest	81	15.1	5.8	24.4
Southeast	68	10.6	2.5	18.8
Southwest	55	21.2	7.3	35.1
St. Louis	76	14.8	3.2	26.4
GENDER				
Female	348	16.2	10.2	22.2
Male	228	16.0	10.3	21.7
RACE				
Black	82	17.8	6.5	29.1
Other	37	--	--	--
White	457	16.3	11.6	21.1
EDUCATION				
<HS	86	12.0	3.5	20.5
HS	221	14.6	8.7	20.5
>HS	267	19.0	12.0	26.1
INCOME				
<\$15,000	110	12.2	4.9	19.6
\$15-24,999	122	13.5	4.4	22.7
\$25-34,999	75	16.0	6.7	25.4
\$35-49,999	86	10.6	3.0	18.2
\$50-74,999	55	15.8	3.7	27.9
\$75,000+	57	33.4	15.7	51.0

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “1” to “About how many times in the past 12 months has a doctor, nurse or other health professional checked you for ‘A one C’?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Had 2 or more “A one C” tests in the past year
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.9.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	576	73.5	68.5	78.4
REGION				
Central	54	63.9	51.2	76.6
Kansas City	101	73.1	63.0	83.1
Northeast	68	75.4	63.6	87.1
Northwest	81	73.2	62.0	84.4
Southeast	68	78.2	67.1	89.4
Southwest	55	61.4	45.9	76.9
St. Louis	76	80.5	67.4	93.5
GENDER				
Female	348	76.3	69.7	82.8
Male	228	70.6	63.1	78.1
RACE				
Black	82	64.1	49.2	79.1
Other	37	--	--	--
White	457	76.2	70.9	81.5
EDUCATION				
<HS	86	71.5	58.9	84.0
HS	221	72.1	63.7	80.5
>HS	267	75.4	68.0	82.8
INCOME				
<\$15,000	110	66.2	52.7	79.7
\$15-24,999	122	73.2	62.2	84.2
\$25-34,999	75	77.4	66.9	87.8
\$35-49,999	86	78.7	66.8	90.5
\$50-74,999	55	79.7	66.5	93.0
\$75,000+	57	61.2	43.6	78.9

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “2” or greater to “About how many times in the past 12 months has a doctor, nurse or other health professional checked you for ‘A one C’?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Feet checked by a health professional within past year

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.10	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	593	75.3	70.4	80.3
REGION				
Central	56	70.0	57.0	83.0
Kansas City	102	77.2	67.8	86.5
Northeast	69	65.5	49.7	81.2
Northwest	81	80.3	70.8	89.7
Southeast	72	70.2	58.1	82.4
Southwest	58	79.0	67.2	90.9
St. Louis	76	72.0	57.0	86.9
GENDER				
Female	356	75.8	69.6	82.0
Male	237	74.9	67.0	82.7
RACE				
Black	86	79.5	66.8	92.1
Other	35	--	--	--
White	472	74.4	68.7	80.1
EDUCATION				
<HS	87	71.4	56.8	86.1
HS	227	69.1	60.8	77.4
>HS	277	82.5	76.3	88.7
INCOME				
<\$15,000	115	66.6	53.3	80.0
\$15-24,999	125	84.6	77.1	92.1
\$25-34,999	74	67.3	53.9	80.7
\$35-49,999	88	75.1	63.4	86.8
\$50-74,999	55	78.5	59.7	97.2
\$75,000+	57	75.9	60.6	91.1

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “1” or greater to “About how many times in the past 12 months have you seen a doctor, nurse or other health professional for your diabetes?” AND “1” or greater to “About how many times in the past 12 months has a health professional checked your feet for sores or irritations?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009
Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management
Had dilated eye exam within past year
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.11.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	608	68.8	63.6	74.1
REGION				
Central	57	74.0	61.4	86.7
Kansas City	105	75.5	66.3	84.7
Northeast	73	70.7	58.6	82.7
Northwest	81	66.1	53.2	79.0
Southeast	76	56.2	43.0	69.3
Southwest	59	73.6	60.7	86.6
St. Louis	78	61.9	46.4	77.5
GENDER				
Female	364	69.3	62.7	75.9
Male	244	68.4	60.2	76.5
RACE				
Black	90	68.2	54.3	82.1
Other	35	--	--	--
White	483	69.5	63.7	75.3
EDUCATION				
<HS	93	51.3	36.9	65.7
HS	234	69.4	61.4	77.4
>HS	279	75.5	68.6	82.4
INCOME				
<\$15,000	118	58.5	45.2	71.8
\$15-24,999	128	69.7	58.3	81.0
\$25-34,999	76	72.0	59.2	84.8
\$35-49,999	91	70.0	57.8	82.1
\$50-74,999	57	65.4	46.9	83.9
\$75,000+	56	83.0	73.0	93.0

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Within the past month” or “Within the past year (1 month but less than 12 months ago)” to “When was the last time you had an eye exam in which the pupils were dilated?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Had dilated eye exam one or more years ago
Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.11.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	608	27.4	22.3	32.5
REGION				
Central	57	21.0	8.8	33.2
Kansas City	105	20.9	12.6	29.2
Northeast	73	26.3	14.8	37.8
Northwest	81	29.7	17.3	42.2
Southeast	76	30.6	18.7	42.4
Southwest	59	25.1	12.4	37.9
St. Louis	78	37.7	22.2	53.2
GENDER				
Female	364	28.1	21.6	34.6
Male	244	26.8	18.8	34.7
RACE				
Black	90	29.9	16.0	43.7
Other	35	--	--	--
White	483	26.5	20.9	32.1
EDUCATION				
<HS	93	44.9	30.3	59.4
HS	234	26.0	18.4	33.6
>HS	279	21.6	14.9	28.3
INCOME				
<\$15,000	118	40.2	26.8	53.5
\$15-24,999	128	24.4	13.9	34.9
\$25-34,999	76	25.5	13.1	38.0
\$35-49,999	91	25.5	13.8	37.2
\$50-74,999	57	30.5	11.8	49.2
\$75,000+	56	15.0	5.7	24.3

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Within the past 2 years (1 year but less than 2 years ago)” or “2 or more years ago” to “When was the last time you had an eye exam in which the pupils were dilated?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

***Ever told by doctor diabetes had affected their eyes or they had retinopathy
Crude Prevalence With 95% Confidence Intervals (CI)***

Table 19.12	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	602	18.2	13.8	22.7
REGION				
Central	56	11.8	3.2	20.3
Kansas City	104	16.8	8.0	25.5
Northeast	73	10.1	3.0	17.3
Northwest	81	12.4	4.7	20.1
Southeast	76	25.6	12.6	38.5
Southwest	58	23.7	8.4	39.1
St. Louis	76	15.2	4.4	25.9
GENDER				
Female	362	16.1	11.2	21.0
Male	240	20.5	12.9	28.1
RACE				
Black	88	23.0	10.2	35.7
Other	36	--	--	--
White	478	16.6	11.9	21.2
EDUCATION				
<HS	90	23.8	10.3	37.3
HS	232	19.5	11.6	27.3
>HS	278	15.1	9.7	20.5
INCOME				
<\$15,000	115	24.8	12.4	37.3
\$15-24,999	127	16.5	7.0	26.1
\$25-34,999	78	18.3	6.8	29.7
\$35-49,999	87	21.5	8.6	34.3
\$50-74,999	57	20.4	7.1	33.8
\$75,000+	58	5.3	0.0	15.5

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Has a doctor ever told you that diabetes has affected your eyes or that you had retinopathy?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 19 – Pre-Diabetes and Diabetes Prevalence and Management

Had ever taken a class on how to manage their diabetes

Crude Prevalence With 95% Confidence Intervals (CI)

Table 19.13	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	613	58.0	52.5	63.6
REGION				
Central	58	49.8	34.6	65.0
Kansas City	105	72.9	63.4	82.3
Northeast	74	48.2	34.2	62.3
Northwest	83	58.6	45.6	71.5
Southeast	77	51.3	38.1	64.6
Southwest	59	59.8	44.1	75.4
St. Louis	77	59.4	44.4	74.4
GENDER				
Female	367	65.1	59.0	71.1
Male	246	50.6	41.8	59.5
RACE				
Black	90	73.1	62.4	83.7
Other	37	--	--	--
White	486	56.8	50.5	63.1
EDUCATION				
<HS	94	44.9	30.8	59.0
HS	238	55.8	46.4	65.1
>HS	279	65.6	58.3	72.9
INCOME				
<\$15,000	119	61.8	50.4	73.2
\$15-24,999	129	52.2	38.7	65.7
\$25-34,999	78	57.5	42.8	72.2
\$35-49,999	90	60.1	46.4	73.8
\$50-74,999	57	52.3	34.7	69.9
\$75,000+	58	75.3	62.7	87.9

Definition: “Yes” response to the question “Have you ever been told by a doctor you have diabetes?” AND “Yes” response to “Have you ever taken a course or class in how to manage your diabetes yourself?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 20 – Asthma Prevalence

Ever been told by a doctor had asthma

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 20.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5041	14.5	12.8	16.1	14.7	13.0	16.5
REGION							
Central	562	11.4	7.3	15.5	11.6	7.5	15.7
Kansas City	952	13.6	10.6	16.7	14.1	10.7	17.5
Northeast	588	17.2	11.2	23.2	17.0	12.0	22.0
Northwest	604	14.4	10.4	18.3	15.3	10.5	20.1
Southeast	556	15.8	11.6	20.0	16.6	11.9	21.2
Southwest	555	14.7	10.6	18.8	14.2	10.0	18.5
St. Louis	734	15.8	11.7	19.9	16.2	12.0	20.5
GENDER							
Female	3124	15.4	13.4	17.4	15.6	13.5	17.8
Male	1917	13.5	10.7	16.3	13.7	10.9	16.4
RACE							
Black	441	15.3	10.9	19.7	15.4	10.9	19.8
Other	304	17.3	10.0	24.5	17.4	10.9	24.0
White	4257	14.1	12.3	16.0	14.4	12.4	16.3
EDUCATION							
<HS	535	20.7	13.8	27.6	21.3	14.6	28.0
HS	1764	12.9	10.3	15.5	13.8	10.8	16.7
>HS	2733	14.2	12.0	16.5	14.3	11.9	16.7
INCOME							
<\$15,000	550	21.8	14.9	28.8	23.1	16.5	29.8
\$15-24,999	848	20.0	15.0	24.9	20.1	15.2	25.0
\$25-34,999	597	11.2	7.2	15.1	12.1	7.4	16.7
\$35-49,999	746	15.7	10.7	20.8	16.5	10.9	22.0
\$50-74,999	693	11.9	8.0	15.8	11.1	7.3	15.0
\$75,000+	905	11.0	8.0	14.0	11.8	7.3	16.3

Definition: “Yes” response to the question, “Have you ever been told by a doctor or other health professional you have asthma.”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 20 – Asthma Prevalence

Currently has asthma

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 20.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5026	9.5	8.1	10.9	9.5	8.0	11.0
REGION							
Central	561	8.5	4.8	12.3	8.7	4.9	12.4
Kansas City	951	9.1	6.8	11.4	8.8	6.5	11.1
Northeast	586	11.7	5.8	17.7	11.6	6.6	16.5
Northwest	600	8.7	5.8	11.6	8.9	5.9	11.9
Southeast	554	9.5	6.4	12.6	9.9	6.2	13.5
Southwest	553	10.3	6.9	13.8	10.3	6.4	14.2
St. Louis	731	10.1	6.6	13.6	10.2	6.6	13.9
GENDER							
Female	3112	11.1	9.4	12.8	11.1	9.2	12.9
Male	1914	7.8	5.5	10.1	7.8	5.5	10.1
RACE							
Black	440	10.3	6.5	14.1	10.3	6.5	14.1
Other	304	13.7	7.3	20.2	13.8	7.7	20.0
White	4243	9.0	7.5	10.5	9.0	7.3	10.6
EDUCATION							
<HS	534	16.3	9.6	22.9	15.6	10.0	21.1
HS	1761	7.7	5.7	9.7	8.0	5.6	10.3
>HS	2722	9.3	7.5	11.1	9.1	7.2	11.0
INCOME							
<\$15,000	548	14.9	8.6	21.1	15.6	9.9	21.4
\$15-24,999	843	13.8	9.7	17.8	13.6	9.2	18.0
\$25-34,999	595	6.9	4.2	9.6	6.7	3.8	9.7
\$35-49,999	745	10.6	6.0	15.3	11.5	6.2	16.8
\$50-74,999	692	7.5	4.2	10.7	6.4	3.8	9.0
\$75,000+	903	6.2	4.1	8.4	5.9	3.7	8.1

Definition: “Yes” or “No” response to the question, “Have you ever been told by a doctor or other health professional you have asthma?” AND “Yes” to “Do you still have asthma?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Ever been told by a doctor or other health professional that has some form of arthritis

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4849	31.0	29.2	32.8	28.9	27.3	30.5
REGION							
Central	547	33.0	27.8	38.2	32.3	27.3	37.3
Kansas City	915	26.3	23.1	29.5	24.4	21.7	27.1
Northeast	571	34.0	29.3	38.6	31.4	26.7	36.1
Northwest	581	30.0	25.4	34.5	28.6	24.9	32.4
Southeast	541	33.2	28.6	37.8	30.4	26.3	34.5
Southwest	537	34.4	29.6	39.3	32.7	28.1	37.3
St. Louis	696	30.6	26.3	34.9	27.4	23.9	30.8
GENDER							
Female	3017	35.3	32.9	37.7	32.4	30.1	34.8
Male	1832	26.3	23.6	29.0	25.0	22.7	27.2
RACE							
Black	411	26.5	20.7	32.2	25.8	21.7	29.9
Other	285	38.1	30.1	46.2	38.3	31.3	45.3
White	4117	30.7	28.8	32.7	28.5	26.7	30.2
EDUCATION							
<HS	506	42.0	35.1	49.0	38.3	31.8	44.8
HS	1693	33.3	30.1	36.4	28.8	26.1	31.6
>HS	2643	27.8	25.5	30.1	27.3	25.2	29.4
INCOME							
<\$15,000	529	40.6	33.7	47.5	39.6	33.3	46.0
\$15-24,999	818	40.7	35.6	45.8	36.4	31.4	41.4
\$25-34,999	579	36.8	31.3	42.2	30.9	25.8	36.1
\$35-49,999	719	25.5	21.4	29.6	25.1	21.6	28.5
\$50-74,999	678	27.1	22.5	31.8	27.2	22.9	31.4
\$75,000+	874	25.1	21.4	28.8	24.9	21.5	28.3

Definition: “Yes” response to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Limited in usual activities because of arthritis or joint symptoms

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1983	44.1	40.9	47.2	38.8	34.1	43.5
REGION							
Central	226	42.1	33.6	50.6	40.3	28.3	52.4
Kansas City	329	45.4	39.0	51.8	42.2	30.9	53.6
Northeast	225	41.9	34.3	49.6	37.1	27.1	47.2
Northwest	250	48.7	41.2	56.2	45.3	30.5	60.2
Southeast	239	44.8	37.5	52.0	34.9	24.9	44.9
Southwest	240	45.0	37.3	52.8	37.0	26.4	47.6
St. Louis	291	43.1	35.6	50.7	39.1	26.9	51.3
GENDER							
Female	1348	47.5	43.6	51.4	42.3	36.3	48.3
Male	635	39.0	33.8	44.3	33.3	26.0	40.6
RACE							
Black	161	55.6	44.2	66.9	54.1	35.9	72.3
Other	137	43.4	31.1	55.7	38.8	22.2	55.5
White	1668	43.1	39.7	46.5	37.9	32.8	42.9
EDUCATION							
<HS	270	60.8	51.3	70.3	54.4	38.2	70.6
HS	739	40.7	35.8	45.7	34.1	26.8	41.4
>HS	970	41.9	37.5	46.4	37.8	31.5	44.0
INCOME							
<\$15,000	290	65.9	56.9	75.0	64.7	49.7	79.6
\$15-24,999	402	51.3	43.9	58.8	45.9	34.4	57.4
\$25-34,999	261	43.9	35.7	52.0	38.9	25.0	52.7
\$35-49,999	275	43.6	35.8	51.5	40.9	28.4	53.3
\$50-74,999	211	34.8	25.0	44.5	28.2	17.6	38.9
\$75,000+	248	32.3	24.8	39.8	24.6	17.4	31.7

Definition: “Yes” responses to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Arthritis or joint symptoms affect ability to work

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1972	29.8	26.7	32.8	30.2	25.5	35.0
REGION							
Central	225	28.7	21.4	36.0	28.3	18.2	38.5
Kansas City	327	28.2	22.0	34.3	34.5	23.3	45.7
Northeast	224	27.4	20.7	34.0	24.8	16.0	33.6
Northwest	250	29.5	22.7	36.4	34.5	19.6	49.4
Southeast	237	31.9	25.1	38.7	29.0	17.5	40.5
Southwest	240	28.8	21.4	36.2	31.2	19.1	43.4
St. Louis	289	31.7	24.2	39.3	31.6	19.4	43.8
GENDER							
Female	1341	28.9	25.2	32.6	30.9	24.8	36.9
Male	631	31.0	25.8	36.2	28.8	21.3	36.4
RACE							
Black	159	29.0	19.1	39.0	22.5	12.1	32.9
Other	137	38.3	26.3	50.3	32.8	18.4	47.1
White	1658	29.0	25.6	32.3	30.4	25.2	35.7
EDUCATION							
<HS	267	42.3	32.8	51.7	50.3	33.2	67.4
HS	735	32.1	27.1	37.1	32.7	24.3	41.1
>HS	966	25.1	20.9	29.2	24.7	18.8	30.6
INCOME							
<\$15,000	286	53.3	44.1	62.4	61.7	47.8	75.6
\$15-24,999	397	35.7	28.3	43.0	38.1	27.1	49.0
\$25-34,999	261	26.0	18.6	33.5	26.4	13.6	39.2
\$35-49,999	274	32.6	24.7	40.5	37.8	24.7	50.9
\$50-74,999	209	26.6	16.9	36.3	19.5	12.4	26.6
\$75,000+	248	16.7	10.5	22.8	13.1	7.2	18.9

Definition: “Yes” responses to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Do arthritis or joint symptoms now affect whether you work, the type of work you do, or the amount of work you do?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Arthritis or joint symptoms interfered with social activities a lot in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1982	15.6	13.3	18.0	12.5	10.1	15.0
REGION							
Central	228	11.7	7.0	16.4	11.8	5.4	18.2
Kansas City	328	14.0	9.8	18.1	11.5	4.9	18.2
Northeast	226	14.0	9.2	18.9	9.4	6.1	12.7
Northwest	247	16.4	10.8	22.0	20.6	7.9	33.4
Southeast	239	18.0	12.9	23.2	12.9	7.2	18.7
Southwest	240	12.5	8.4	16.6	7.8	5.3	10.3
St. Louis	291	18.7	12.4	25.1	14.7	7.8	21.6
GENDER							
Female	1347	18.6	15.6	21.6	15.2	11.9	18.6
Male	635	11.3	7.6	14.9	8.5	5.1	11.8
RACE							
Black	161	22.3	12.9	31.7	22.4	9.1	35.7
Other	136	20.4	10.6	30.3	17.0	6.9	27.1
White	1667	14.6	12.1	17.0	11.4	8.9	14.0
EDUCATION							
<HS	268	25.5	18.2	32.9	22.4	12.3	32.5
HS	740	17.1	13.2	21.0	13.6	8.8	18.4
>HS	970	12.2	9.0	15.3	9.7	6.9	12.5
INCOME							
<\$15,000	289	33.8	25.8	41.8	31.2	19.8	42.7
\$15-24,999	402	20.7	15.1	26.4	16.8	11.5	22.1
\$25-34,999	261	15.3	9.1	21.5	11.2	4.6	17.8
\$35-49,999	273	8.8	4.6	13.1	7.3	2.0	12.6
\$50-74,999	210	11.6	3.1	20.1	8.5	2.9	14.1
\$75,000+	248	6.7	2.1	11.3	4.1	1.4	6.8

Definition: “Yes” response to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “A lot” to “During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies, or to religious or social gatherings?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Arthritis or joint symptoms interfered with social activities a little in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1982	25.3	22.5	28.0	26.3	21.7	31.0
REGION							
Central	228	24.2	17.6	30.8	21.8	13.7	29.9
Kansas City	328	28.6	22.6	34.6	26.6	16.8	36.4
Northeast	226	22.9	16.4	29.4	21.9	12.6	31.3
Northwest	247	25.8	19.6	32.0	21.5	10.5	32.4
Southeast	239	29.8	22.8	36.9	36.8	23.8	49.9
Southwest	240	28.7	21.2	36.3	34.3	21.8	46.9
St. Louis	291	21.3	15.1	27.4	22.6	11.1	34.0
GENDER							
Female	1347	27.9	24.3	31.4	28.0	22.2	33.9
Male	635	21.4	17.1	25.7	23.9	16.3	31.4
RACE							
Black	161	35.7	23.6	47.9	27.1	14.8	39.4
Other	136	23.9	13.4	34.5	21.9	9.3	34.6
White	1667	24.5	21.6	27.3	26.5	21.3	31.6
EDUCATION							
<HS	268	32.0	22.8	41.2	33.4	17.5	49.3
HS	740	24.9	20.6	29.3	31.6	22.6	40.6
>HS	970	23.7	20.0	27.4	22.3	17.0	27.6
INCOME							
<\$15,000	289	33.1	23.7	42.5	40.0	25.3	54.8
\$15-24,999	402	31.1	24.5	37.8	34.2	22.5	45.8
\$25-34,999	261	26.5	19.3	33.7	21.8	12.2	31.3
\$35-49,999	273	29.0	21.7	36.2	28.2	16.8	39.6
\$50-74,999	210	19.8	12.9	26.8	19.4	9.1	29.6
\$75,000+	248	15.5	10.3	20.6	16.4	8.9	23.9

Definition: “Yes” response to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “A little” to “During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies, or to religious or social gatherings?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Arthritis or joint symptoms did not interfere with social activities in past 30 days

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1982	59.1	55.9	62.2	61.1	56.2	66.1
REGION							
Central	228	64.1	56.2	72.0	66.4	55.9	77.0
Kansas City	328	57.4	51.0	63.8	61.9	51.2	72.6
Northeast	226	63.0	55.7	70.4	68.7	59.1	78.2
Northwest	247	57.8	50.4	65.2	57.9	42.2	73.6
Southeast	239	52.1	44.8	59.5	50.2	37.1	63.3
Southwest	240	58.8	51.0	66.6	57.8	45.2	70.5
St. Louis	291	60.0	52.5	67.5	62.7	50.6	74.9
GENDER							
Female	1347	53.5	49.6	57.4	56.7	50.5	63.0
Male	635	67.3	62.2	72.4	67.7	59.7	75.7
RACE							
Black	161	42.0	30.9	53.1	50.5	33.9	67.1
Other	136	55.6	43.0	68.2	61.0	45.2	76.9
White	1667	61.0	57.6	64.3	62.1	56.7	67.5
EDUCATION							
<HS	268	42.5	32.9	52.1	44.2	26.6	61.8
HS	740	58.0	52.9	63.0	54.8	45.7	63.9
>HS	970	64.2	59.8	68.5	68.0	62.3	73.7
INCOME							
<\$15,000	289	33.1	24.7	41.5	28.7	15.2	42.2
\$15-24,999	402	48.1	40.7	55.5	49.0	36.8	61.3
\$25-34,999	261	58.2	49.9	66.4	67.1	55.8	78.3
\$35-49,999	273	62.2	54.5	69.9	64.5	52.6	76.3
\$50-74,999	210	68.6	59.0	78.1	72.1	60.8	83.5
\$75,000+	248	77.8	71.3	84.3	79.5	71.6	87.4

Definition: “Yes” response to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Not at all” to “During the past 30 days, to what extent has your arthritis or joint symptoms interfered with your normal social activities, such as going shopping, to the movies, or to religious or social gatherings?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Can do most or everything would like to do

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.5.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1890	68.8	65.8	71.8	74.1	70.2	78.0
REGION							
Central	217	75.1	68.4	81.7	77.3	69.1	85.5
Kansas City	313	64.2	57.8	70.6	66.6	55.2	77.9
Northeast	213	73.6	67.2	80.1	82.1	77.5	86.6
Northwest	237	66.6	59.8	73.4	71.3	58.4	84.3
Southeast	230	62.6	55.5	69.7	69.8	59.0	80.6
Southwest	233	70.4	63.4	77.4	75.5	65.8	85.1
St. Louis	275	69.6	62.2	77.0	76.0	67.4	84.6
GENDER							
Female	1284	66.0	62.3	69.7	72.2	67.4	76.9
Male	606	72.8	67.7	77.9	76.6	69.7	83.5
RACE							
Black	148	53.2	42.0	64.4	59.5	40.8	78.2
Other	122	66.8	54.5	79.1	70.7	55.5	85.8
White	1603	70.3	67.1	73.5	75.7	71.6	79.8
EDUCATION							
<HS	254	47.4	37.7	57.0	57.8	44.9	70.8
HS	696	69.0	64.1	73.9	73.2	65.5	80.8
>HS	936	74.0	70.0	77.9	77.8	73.0	82.6
INCOME							
<\$15,000	270	46.6	36.9	56.3	50.0	35.3	64.6
\$15-24,999	379	59.1	51.7	66.5	68.8	60.6	76.9
\$25-34,999	252	79.5	73.8	85.1	86.9	80.6	93.1
\$35-49,999	263	69.8	62.3	77.4	71.5	59.6	83.3
\$50-74,999	204	71.7	61.9	81.6	80.1	73.3	86.9
\$75,000+	240	83.3	77.1	89.5	87.5	82.2	92.8

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Can do most things” AND “Can do everything would like to” responses to “Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?” I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Can do some things would like to do

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.5.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1890	23.7	20.9	26.5	19.3	15.8	22.7
REGION							
Central	217	18.1	12.6	23.7	16.0	9.7	22.3
Kansas City	313	27.3	21.4	33.3	22.8	12.8	32.7
Northeast	213	20.5	14.7	26.4	14.5	10.1	18.8
Northwest	237	24.6	18.6	30.7	17.8	8.7	26.9
Southeast	230	23.8	17.8	29.9	20.6	10.7	30.4
Southwest	233	23.2	16.8	29.7	20.6	11.0	30.1
St. Louis	275	24.6	17.4	31.9	17.8	11.0	24.6
GENDER							
Female	1284	25.3	22.0	28.7	19.8	15.8	23.8
Male	606	21.3	16.4	26.2	18.8	12.2	25.4
RACE							
Black	148	40.3	29.0	51.7	36.1	17.4	54.8
Other	122	23.9	12.9	35.0	20.8	8.2	33.4
White	1603	22.3	19.3	25.3	17.7	14.1	21.3
EDUCATION							
<HS	254	32.4	23.7	41.2	25.9	16.1	35.6
HS	696	23.9	19.2	28.6	19.8	13.0	26.6
>HS	936	21.5	17.7	25.3	17.9	13.5	22.4
INCOME							
<\$15,000	270	32.5	24.5	40.6	29.1	18.6	39.6
\$15-24,999	379	33.6	26.4	40.9	26.3	18.4	34.3
\$25-34,999	252	14.3	9.6	18.9	9.9	3.9	15.9
\$35-49,999	263	25.4	18.3	32.6	25.7	13.9	37.5
\$50-74,999	204	23.6	13.8	33.3	15.2	9.6	20.9
\$75,000+	240	14.2	8.3	20.1	9.8	5.5	14.1

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Can do some things” response to “Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?” I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Can hardly do anything would like to do

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.5.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1890	7.5	6.1	9.0	6.7	4.6	8.7
REGION							
Central	217	6.8	3.0	10.6	6.7	1.5	11.9
Kansas City	313	8.5	4.8	12.1	10.7	2.6	18.7
Northeast	213	5.9	2.8	9.0	3.5	1.7	5.2
Northwest	237	8.8	4.5	13.0	10.9	1.0	20.7
Southeast	230	13.5	8.6	18.4	9.6	4.1	15.1
Southwest	233	6.4	2.9	9.9	3.9	1.9	6.0
St. Louis	275	5.7	2.5	9.0	6.2	0.4	12.1
GENDER							
Female	1284	8.7	6.6	10.7	8.0	5.1	11.0
Male	606	5.9	3.8	8.0	4.6	2.1	7.2
RACE							
Black	148	6.5	2.3	10.7	4.3	1.4	7.3
Other	122	9.3	2.4	16.2	8.6	0.0	17.1
White	1603	7.4	5.8	9.0	6.6	4.3	8.8
EDUCATION							
<HS	254	20.2	13.3	27.1	16.3	6.4	26.2
HS	696	7.1	4.8	9.5	7.0	2.7	11.3
>HS	936	4.5	2.9	6.1	4.3	2.2	6.3
INCOME							
<\$15,000	270	20.9	13.8	27.9	21.0	9.8	32.1
\$15-24,999	379	7.3	4.3	10.3	4.9	2.3	7.5
\$25-34,999	252	6.2	2.8	9.7	3.2	1.4	5.1
\$35-49,999	263	4.7	1.1	8.4	2.8	0.8	4.8
\$50-74,999	204	4.7	0.9	8.5	4.7	0.5	8.8
\$75,000+	240	2.5	0.3	4.7	2.8	0.0	6.0

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Can hardly do anything” to” response to “Earlier you indicated that you had arthritis or joint symptoms. Thinking about your arthritis or joint symptoms, which of the following best describes you today?” I can do everything I would like to do. I can do most things I would like to do. I can do some things I would like to do. I can hardly do anything I would like to do.

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Doctor suggested losing weight to help with arthritis or joint symptoms

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.6	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1890	33.2	30.1	36.3	29.8	25.2	34.5
REGION							
Central	217	34.1	25.6	42.6	33.9	21.5	46.4
Kansas City	313	32.3	26.4	38.3	30.0	19.3	40.7
Northeast	214	27.6	21.0	34.2	22.6	15.5	29.7
Northwest	236	37.1	29.7	44.5	39.9	22.3	57.5
Southeast	231	29.1	22.5	35.6	22.3	13.8	30.8
Southwest	232	29.2	21.8	36.6	28.6	16.7	40.4
St. Louis	275	36.0	28.3	43.7	28.5	18.1	38.9
GENDER							
Female	1286	34.4	30.6	38.2	32.4	26.3	38.5
Male	604	31.5	26.1	36.8	25.8	19.1	32.5
RACE							
Black	148	43.1	30.8	55.5	34.1	18.6	49.5
Other	123	30.5	18.4	42.6	30.7	12.5	49.0
White	1601	32.6	29.2	36.0	29.2	24.2	34.1
EDUCATION							
<HS	254	30.1	21.0	39.1	27.0	11.9	42.1
HS	696	31.8	26.9	36.8	25.4	18.8	31.9
>HS	936	34.8	30.4	39.3	32.6	26.2	38.9
INCOME							
<\$15,000	271	37.5	28.8	46.2	32.4	19.7	45.1
\$15-24,999	378	33.3	25.9	40.6	28.7	18.3	39.0
\$25-34,999	252	30.1	22.7	37.5	29.6	15.5	43.6
\$35-49,999	264	37.2	29.3	45.0	34.8	22.6	47.0
\$50-74,999	204	32.7	23.0	42.3	27.5	15.9	39.0
\$75,000+	239	31.9	24.0	39.9	32.6	21.4	43.8

Definition: “Yes” responses to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Has a doctor or other health professional ever suggested losing weight to help your arthritis or joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Doctor suggested physical activity or exercise to help with arthritis or joint symptoms

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1880	57.1	53.8	60.4	55.6	50.1	61.1
REGION							
Central	215	56.5	46.9	66.1	55.1	40.8	69.5
Kansas City	307	54.9	48.2	61.5	57.6	46.5	68.7
Northeast	214	52.4	44.3	60.5	49.9	37.8	61.9
Northwest	237	61.4	54.3	68.5	66.6	51.8	81.4
Southeast	231	54.1	46.5	61.8	46.4	33.6	59.2
Southwest	230	56.6	48.6	64.5	57.3	44.9	69.8
St. Louis	275	59.8	52.3	67.3	59.7	46.5	72.9
GENDER							
Female	1277	59.9	55.9	63.9	59.9	53.1	66.7
Male	603	53.1	47.5	58.7	48.4	39.5	57.3
RACE							
Black	149	66.5	55.2	77.7	70.2	55.7	84.8
Other	120	42.2	28.8	55.6	38.5	20.0	57.1
White	1593	57.6	54.1	61.1	56.3	50.5	62.2
EDUCATION							
<HS	253	48.8	38.9	58.7	47.6	29.3	65.8
HS	693	60.8	55.7	66.0	58.6	49.2	68.0
>HS	930	56.7	52.0	61.3	55.7	48.6	62.7
INCOME							
<\$15,000	269	53.2	43.5	63.0	48.3	33.8	62.8
\$15-24,999	377	50.6	42.9	58.2	47.8	34.8	60.9
\$25-34,999	252	61.9	53.6	70.1	65.1	49.7	80.6
\$35-49,999	263	60.0	52.1	67.9	62.0	49.8	74.3
\$50-74,999	204	61.3	51.2	71.4	53.1	39.0	67.2
\$75,000+	238	58.7	50.6	66.9	59.4	48.5	70.3

Definition: “Yes” responses to “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Has a doctor or other health professional ever suggested physical activity or exercise to help your arthritis or joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 21 – Arthritis Burden and Management

Had ever taken a course to learn how to manage arthritis or joint symptoms

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 21.8	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	1892	10.5	8.5	12.5	11.3	8.1	14.6
REGION							
Central	217	14.2	7.3	21.0	17.4	6.6	28.3
Kansas City	314	9.6	6.0	13.2	9.1	3.0	15.2
Northeast	213	8.3	3.9	12.8	9.6	2.4	16.8
Northwest	238	9.8	4.7	15.0	16.3	0.6	32.0
Southeast	231	9.9	5.5	14.4	13.0	3.1	22.8
Southwest	232	11.0	6.8	15.1	8.9	4.0	13.8
St. Louis	275	10.3	5.3	15.4	10.8	2.9	18.8
GENDER							
Female	1287	13.1	10.1	16.1	13.0	8.8	17.2
Male	605	6.7	4.5	8.8	9.2	4.2	14.2
RACE							
Black	148	18.1	5.5	30.7	22.9	4.9	41.0
Other	123	17.2	7.6	26.8	21.7	4.2	39.3
White	1603	9.3	7.3	11.2	9.5	6.5	12.4
EDUCATION							
<HS	256	8.2	1.6	14.8	5.0	1.4	8.7
HS	696	6.5	3.8	9.2	7.2	2.9	11.6
>HS	936	13.7	10.7	16.8	14.8	10.0	19.6
INCOME							
<\$15,000	271	11.5	6.5	16.5	11.3	3.8	18.9
\$15-24,999	379	10.0	5.6	14.4	13.1	3.6	22.6
\$25-34,999	253	8.2	4.2	12.2	8.6	1.8	15.4
\$35-49,999	263	8.6	4.9	12.3	8.2	3.0	13.5
\$50-74,999	204	12.7	6.6	18.9	12.2	4.9	19.5
\$75,000+	240	9.1	3.8	14.4	10.1	2.4	17.7

Definition: “Yes” response to the question “Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?” AND “Yes” response to “Have you ever taken an educational course or class to teach you how to manage problems related to your arthritis or joint symptoms?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 22 – Cancer Survivorship

Had ever been told by a doctor or other health professional had cancer

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 22.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4664	11.6	10.4	12.7	10.5	9.5	11.5
REGION							
Central	529	11.2	8.6	13.7	10.7	8.5	12.8
Kansas City	878	11.8	9.6	14.0	11.0	9.0	12.9
Northeast	549	11.8	9.0	14.5	9.7	7.6	11.8
Northwest	563	10.7	8.1	13.3	9.8	7.5	12.1
Southeast	518	12.2	9.2	15.2	10.2	7.7	12.7
Southwest	523	10.1	7.7	12.6	9.3	7.1	11.5
St. Louis	663	12.8	9.8	15.8	11.5	8.9	14.0
GENDER							
Female	2911	12.6	11.1	14.1	11.2	9.8	12.5
Male	1753	10.4	8.7	12.2	10.0	8.5	11.5
RACE							
Black	383	5.6	3.0	8.2	5.5	3.1	7.8
Other	268	9.2	4.2	14.2	9.0	4.7	13.4
White	3980	12.4	11.1	13.6	11.1	10.0	12.2
EDUCATION							
<HS	480	12.3	8.7	15.9	9.7	6.6	12.7
HS	1611	12.8	10.7	14.9	10.5	8.7	12.4
>HS	2566	10.8	9.3	12.2	10.9	9.6	12.3
INCOME							
<\$15,000	498	10.6	7.6	13.7	10.2	7.3	13.0
\$15-24,999	784	13.5	10.3	16.6	10.9	7.8	14.0
\$25-34,999	560	12.3	9.2	15.5	8.6	6.4	10.7
\$35-49,999	704	9.1	6.6	11.5	8.9	6.7	11.1
\$50-74,999	655	10.8	8.0	13.6	12.0	9.4	14.7
\$75,000+	848	10.9	8.3	13.6	11.1	8.6	13.6

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 22 – Cancer Survivorship

Had one type of cancer

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	747	86.2	82.9	89.4
REGION				
Central	95	84.2	76.6	91.8
Kansas City	146	89.5	84.3	94.6
Northeast	85	81.7	72.7	90.7
Northwest	92	78.8	67.6	90.1
Southeast	86	91.1	85.4	96.8
Southwest	83	90.1	81.2	99.0
St. Louis	104	82.6	74.6	90.6
GENDER				
Female	492	85.4	81.2	89.6
Male	255	87.2	82.0	92.4
RACE				
Black	30	--	--	--
Other	29	--	--	--
White	684	86.9	83.6	90.2
EDUCATION				
<HS	81	83.9	70.9	96.8
HS	285	85.7	80.5	90.9
>HS	380	86.8	82.4	91.2
INCOME				
<\$15,000	95	89.3	82.5	96.0
\$15-24,999	140	86.8	79.7	93.9
\$25-34,999	97	89.7	81.9	97.5
\$35-49,999	95	83.4	72.7	94.0
\$50-74,999	88	84.9	75.8	93.9
\$75,000+	110	88.7	81.5	95.8

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?” AND “Only one” to “How many different types of cancer have you had?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 22 – Cancer Survivorship

Had two types of cancer

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	747	12.0	8.9	15.0
REGION				
Central	95	13.1	6.3	19.9
Kansas City	146	9.2	4.3	14.0
Northeast	85	14.6	6.3	23.0
Northwest	92	21.2	9.9	32.4
Southeast	86	7.9	2.6	13.2
Southwest	83	9.9	1.0	18.8
St. Louis	104	14.4	7.0	21.7
GENDER				
Female	492	12.8	8.8	16.7
Male	255	10.8	6.0	15.7
RACE				
Black	30	--	--	--
Other	29	--	--	--
White	684	11.4	8.3	14.5
EDUCATION				
<HS	81	14.6	1.8	27.4
HS	285	13.0	8.0	18.1
>HS	380	10.8	6.9	14.7
INCOME				
<\$15,000	95	7.2	2.2	12.1
\$15-24,999	140	11.4	4.7	18.0
\$25-34,999	97	10.3	2.5	18.1
\$35-49,999	95	16.4	5.8	27.1
\$50-74,999	88	15.1	6.1	24.2
\$75,000+	110	7.0	1.9	12.0

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?” AND “Two” to “How many different types of cancer have you had?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 22 – Cancer Survivorship

Had three or more types of cancer

Crude Prevalence With 95% Confidence Intervals (CI)

Table 22.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI
OVERALL	747	1.9	0.5	3.2
REGION				
Central	95	2.8	0.0	6.6
Kansas City	146	1.4	0.0	3.2
Northeast	85	3.7	0.0	7.5
Northwest	92	0.0	0.0	0.0
Southeast	86	1.0	0.0	2.9
Southwest	83	0.0	0.0	0.0
St. Louis	104	3.1	0.0	6.8
GENDER				
Female	492	1.8	0.2	3.5
Male	255	2.0	0.0	4.2
RACE				
Black	30	--	--	--
Other	29	--	--	--
White	684	1.7	0.3	3.0
EDUCATION				
<HS	81	1.5	0.0	4.5
HS	285	1.2	0.0	2.5
>HS	380	2.4	0.1	4.7
INCOME				
<\$15,000	95	3.5	0.0	8.2
\$15-24,999	140	1.8	0.0	4.4
\$25-34,999	97	0.0	0.0	0.0
\$35-49,999	95	0.2	0.0	0.6
\$50-74,999	88	0.0	0.0	0.0
\$75,000+	110	4.4	0.0	9.7

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?” AND “Three or greater” to “How many different types of cancer have you had?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 22 – Cancer Survivorship

***Breast, Cervical, Prostate, Melanoma or Other Skin Cancer
as First Diagnosed Type of Cancer Among Cancer Survivors
Number of respondents, weighted percent and 95% confidence intervals***

Table 22.3	N	Weighted Percent	95% Confidence Interval	
			Lower C.I.	Upper C.I.
Breast cancer among female cancer survivors	491	25.8	20.4	31.3
Cervical cancer among female cancer survivors	491	9.5	5.7	13.4
Prostate cancer among male cancer survivors	255	25.6	7.8	14.1
Melanoma among all cancer survivors	746	15.8	11.7	19.8
Other skin cancer among all cancer survivors	746	28.2	23.1	33.3

Definition: “Yes” response to “Have you ever been told by a doctor, nurse or other health professional that you had cancer?” AND “[TYPE OF CANCER]” to “What type of cancer was it?” (First diagnosed cancer if more than one)

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 23 – Emotional Support and Life Satisfaction

Always or usually gets needed social and emotional supported

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4640	79.9	78.1	81.7	80.0	78.1	82.0
REGION							
Central	524	80.8	76.1	85.4	80.6	75.8	85.4
Kansas City	877	81.4	78.1	84.7	82.2	79.1	85.4
Northeast	543	79.1	74.8	83.4	80.4	76.1	84.6
Northwest	561	84.4	80.4	88.3	83.3	78.3	88.4
Southeast	513	78.2	73.7	82.7	79.5	74.6	84.4
Southwest	520	76.2	71.0	81.4	74.7	69.3	80.0
St. Louis	663	81.9	77.7	86.1	82.1	77.6	86.6
GENDER							
Female	2899	81.5	79.4	83.6	82.0	79.8	84.2
Male	1741	78.1	75.1	81.1	78.0	74.8	81.2
RACE							
Black	382	69.1	62.3	75.9	69.0	62.4	75.7
Other	267	73.2	65.7	80.7	72.9	65.4	80.3
White	3958	81.5	79.6	83.4	81.7	79.6	83.8
EDUCATION							
<HS	470	62.7	55.5	69.8	61.4	53.9	68.9
HS	1602	75.6	72.2	79.0	75.2	71.4	79.1
>HS	2561	85.1	82.9	87.2	85.3	83.1	87.4
INCOME							
<\$15,000	494	63.0	55.9	70.1	61.6	55.1	68.1
\$15-24,999	777	68.1	63.1	73.1	69.3	64.0	74.6
\$25-34,999	557	75.2	69.4	80.9	72.2	65.3	79.2
\$35-49,999	699	82.2	77.2	87.1	83.2	79.0	87.4
\$50-74,999	656	86.5	82.8	90.1	86.4	82.6	90.2
\$75,000+	849	90.5	87.8	93.3	91.0	88.3	93.7

Definition: “Always” AND “Usually” responses to the question “How often do you get the social and emotional support you need?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 23 – Emotional Support and Life Satisfaction

Sometimes gets needed social and emotional supported

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4640	13.3	11.8	14.8	13.3	11.7	15.0
REGION							
Central	524	13.9	9.5	18.3	14.2	9.7	18.7
Kansas City	877	12.2	9.4	15.0	11.5	8.9	14.1
Northeast	543	11.9	8.2	15.6	11.0	7.5	14.4
Northwest	561	8.5	5.8	11.2	8.9	5.6	12.2
Southeast	513	15.1	11.0	19.2	14.9	10.3	19.5
Southwest	520	15.4	10.6	20.2	16.9	11.6	22.2
St. Louis	663	12.0	8.8	15.2	11.8	8.5	15.0
GENDER							
Female	2899	13.2	11.3	15.1	13.1	11.0	15.2
Male	1741	13.5	11.1	15.9	13.5	11.0	16.0
RACE							
Black	382	22.0	15.8	28.3	22.0	15.8	28.1
Other	267	17.6	11.2	24.0	17.1	10.9	23.2
White	3958	12.2	10.6	13.8	12.3	10.5	14.0
EDUCATION							
<HS	470	23.3	16.9	29.7	23.8	16.9	30.7
HS	1602	16.2	13.3	19.0	16.5	13.2	19.8
>HS	2561	10.1	8.3	11.9	10.0	8.2	11.8
INCOME							
<\$15,000	494	19.6	13.9	25.3	19.5	13.7	25.3
\$15-24,999	777	20.2	15.7	24.7	20.4	15.5	25.2
\$25-34,999	557	17.9	12.7	23.2	19.3	13.0	25.7
\$35-49,999	699	10.8	7.3	14.3	10.5	7.1	14.0
\$50-74,999	656	9.8	6.5	13.1	9.5	6.2	12.8
\$75,000+	849	7.8	5.3	10.4	7.4	4.9	9.8

Definition: “Sometimes” response to the question “How often do you get the social and emotional support you need?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 23 – Emotional Support and Life Satisfaction

Rarely or never gets needed social and emotional supported

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4640	6.8	5.6	8.0	6.6	5.4	7.9
REGION							
Central	524	5.3	3.4	7.2	5.2	3.3	7.1
Kansas City	877	6.4	4.4	8.4	6.2	4.2	8.3
Northeast	543	9.0	6.3	11.7	8.7	5.8	11.5
Northwest	561	7.1	4.1	10.1	7.8	3.6	11.9
Southeast	513	6.7	4.4	9.0	5.6	3.6	7.5
Southwest	520	8.4	5.4	11.4	8.4	4.7	12.1
St. Louis	663	6.1	3.0	9.2	6.1	2.7	9.5
GENDER							
Female	2899	5.3	4.3	6.3	4.9	3.9	5.8
Male	1741	8.4	6.3	10.6	8.5	6.2	10.8
RACE							
Black	382	8.9	5.4	12.4	9.0	5.4	12.6
Other	267	9.2	4.4	14.0	10.1	4.9	15.2
White	3958	6.3	5.1	7.6	6.1	4.7	7.5
EDUCATION							
<HS	470	14.0	9.8	18.3	14.8	10.2	19.4
HS	1602	8.3	6.0	10.6	8.3	5.5	11.1
>HS	2561	4.8	3.4	6.2	4.8	3.5	6.1
INCOME							
<\$15,000	494	17.4	12.5	22.2	18.9	13.8	24.0
\$15-24,999	777	11.7	8.8	14.6	10.3	7.6	13.1
\$25-34,999	557	6.9	3.5	10.3	8.4	3.9	13.0
\$35-49,999	699	7.0	3.0	11.0	6.3	3.4	9.2
\$50-74,999	656	3.8	2.0	5.5	4.1	2.2	5.9
\$75,000+	849	1.6	0.5	2.7	1.6	0.4	2.9

Definition: “Rarely” AND “Never” responses to the question “How often do you get the social and emotional support you need?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 23 – Emotional Support and Life Satisfaction

Very satisfied or satisfied with their life

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4661	94.2	93.1	95.3	94.5	93.4	95.5
REGION							
Central	529	94.1	91.7	96.5	93.9	91.3	96.5
Kansas City	878	93.7	91.6	95.8	94.2	92.3	96.1
Northeast	549	95.6	93.7	97.4	95.9	94.1	97.6
Northwest	563	94.8	92.8	96.8	94.7	92.5	96.9
Southeast	518	96.0	94.2	97.7	96.4	94.7	98.1
Southwest	524	95.0	92.9	97.1	95.4	93.5	97.3
St. Louis	660	93.9	91.1	96.8	94.2	91.2	97.1
GENDER							
Female	2907	93.9	92.6	95.1	94.4	93.2	95.5
Male	1754	94.6	92.8	96.3	94.7	93.0	96.4
RACE							
Black	383	90.9	87.1	94.7	90.7	86.7	94.6
Other	268	93.0	88.6	97.4	93.1	89.2	97.0
White	3977	94.6	93.4	95.8	94.9	93.8	96.1
EDUCATION							
<HS	477	91.0	87.7	94.4	89.8	85.8	93.8
HS	1611	94.1	92.4	95.7	93.9	91.9	95.9
>HS	2566	94.8	93.3	96.3	95.3	94.1	96.6
INCOME							
<\$15,000	495	81.3	76.4	86.2	79.9	75.0	84.9
\$15-24,999	783	90.9	87.9	93.9	90.9	87.9	94.0
\$25-34,999	560	97.8	96.7	99.0	97.9	96.8	99.1
\$35-49,999	703	93.3	89.1	97.4	94.2	91.2	97.1
\$50-74,999	654	96.7	94.5	99.0	96.6	94.0	99.3
\$75,000+	851	98.2	97.2	99.2	98.5	97.5	99.4

Definition: “Very satisfied” AND “Satisfied” responses to the question “In general, how satisfied are you with your life?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 23 – Emotional Support and Life Satisfaction

Dissatisfied or very dissatisfied with their life

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 23.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4661	5.8	4.7	6.9	5.5	4.5	6.6
REGION							
Central	529	5.9	3.5	8.3	6.1	3.5	8.7
Kansas City	878	6.3	4.2	8.4	5.8	3.9	7.7
Northeast	549	4.4	2.6	6.3	4.1	2.4	5.9
Northwest	563	5.2	3.2	7.2	5.3	3.1	7.5
Southeast	518	4.0	2.3	5.8	3.6	1.9	5.3
Southwest	524	5.0	2.9	7.1	4.6	2.7	6.5
St. Louis	660	6.1	3.2	8.9	5.8	2.9	8.8
GENDER							
Female	2907	6.1	4.9	7.4	5.6	4.5	6.8
Male	1754	5.4	3.7	7.2	5.3	3.6	7.0
RACE							
Black	383	9.1	5.3	12.9	9.3	5.4	13.3
Other	268	7.0	2.6	11.4	6.9	3.0	10.8
White	3977	5.4	4.2	6.6	5.1	3.9	6.2
EDUCATION							
<HS	477	9.0	5.6	12.3	10.2	6.2	14.2
HS	1611	5.9	4.3	7.6	6.1	4.1	8.1
>HS	2566	5.2	3.7	6.7	4.7	3.4	5.9
INCOME							
<\$15,000	495	18.7	13.8	23.6	20.1	15.1	25.0
\$15-24,999	783	9.1	6.1	12.1	9.1	6.0	12.1
\$25-34,999	560	2.2	1.0	3.3	2.1	0.9	3.2
\$35-49,999	703	6.7	2.6	10.9	5.8	2.9	8.8
\$50-74,999	654	3.3	1.0	5.5	3.4	0.7	6.0
\$75,000+	851	1.8	0.8	2.8	1.5	0.6	2.5

Definition: “Dissatisfied” AND “Very dissatisfied” responses to the question “In general, how satisfied are you with your life?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt nervous all or most of the time during the past 30 days
Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.1.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4606	7.6	6.3	8.8	7.5	6.2	8.8
REGION							
Central	526	7.0	3.8	10.1	7.1	3.9	10.2
Kansas City	870	6.8	4.3	9.2	6.3	4.1	8.5
Northeast	537	5.0	3.1	6.9	4.6	2.7	6.5
Northwest	550	8.1	4.8	11.4	8.7	5.3	12.2
Southeast	514	8.3	5.6	11.0	8.3	5.3	11.4
Southwest	516	8.9	5.3	12.4	8.2	5.0	11.4
St. Louis	657	8.1	5.1	11.0	8.1	4.9	11.3
GENDER							
Female	2873	7.3	5.9	8.7	7.0	5.6	8.4
Male	1733	7.9	5.8	10.0	7.9	5.7	10.1
RACE							
Black	376	7.9	3.8	11.9	8.1	3.8	12.4
Other	262	8.9	3.5	14.3	9.3	3.8	14.8
White	3935	7.4	6.1	8.7	7.3	5.8	8.7
EDUCATION							
<HS	470	17.3	11.7	22.9	20.9	14.4	27.4
HS	1582	7.6	5.5	9.7	8.0	5.5	10.4
>HS	2547	5.9	4.4	7.4	5.9	4.1	7.7
INCOME							
<\$15,000	486	21.1	13.6	28.7	21.2	14.0	28.4
\$15-24,999	772	12.3	8.8	15.8	13.9	9.7	18.0
\$25-34,999	552	7.5	3.3	11.7	7.8	3.4	12.1
\$35-49,999	698	6.8	3.8	9.8	5.8	3.6	8.1
\$50-74,999	651	4.5	2.1	6.9	4.8	1.9	7.8
\$75,000+	843	3.8	2.0	5.6	3.7	1.9	5.5

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt nervous some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.1.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4606	17.4	15.8	19.1	17.5	15.7	19.2
REGION							
Central	526	18.0	13.0	22.9	18.2	13.1	23.3
Kansas City	870	18.6	15.2	22.0	19.5	15.5	23.5
Northeast	537	19.4	14.8	24.1	21.0	15.5	26.4
Northwest	550	18.6	13.9	23.2	18.9	14.0	23.8
Southeast	514	17.4	13.3	21.5	17.0	12.8	21.2
Southwest	516	18.9	14.3	23.6	17.5	12.9	22.0
St. Louis	657	14.9	11.4	18.4	15.0	11.2	18.8
GENDER							
Female	2873	20.6	18.3	22.9	20.5	18.0	23.0
Male	1733	14.0	11.7	16.2	14.1	11.6	16.5
RACE							
Black	376	16.3	10.7	21.8	15.6	10.6	20.5
Other	262	26.7	17.8	35.6	25.3	17.5	33.0
White	3935	16.8	15.1	18.5	16.9	15.1	18.8
EDUCATION							
<HS	470	20.6	14.7	26.5	18.3	13.3	23.4
HS	1582	16.7	14.0	19.3	17.0	13.9	20.2
>HS	2547	17.3	15.1	19.5	17.1	14.7	19.4
INCOME							
<\$15,000	486	18.4	13.5	23.3	19.0	14.0	23.9
\$15-24,999	772	24.0	19.2	28.9	24.3	19.0	29.5
\$25-34,999	552	18.0	13.3	22.7	19.7	13.8	25.6
\$35-49,999	698	15.6	11.6	19.6	14.5	10.9	18.1
\$50-74,999	651	15.8	11.8	19.7	16.1	11.8	20.4
\$75,000+	843	13.0	10.0	16.0	13.3	8.9	17.6

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt nervous a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.1.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4606	75.0	73.1	76.9	75.0	73.0	77.1
REGION							
Central	526	75.1	69.6	80.5	74.7	69.1	80.3
Kansas City	870	74.6	70.7	78.5	74.1	69.8	78.5
Northeast	537	75.6	70.8	80.4	74.4	68.8	80.1
Northwest	550	73.3	68.0	78.6	72.4	67.0	77.7
Southeast	514	74.3	69.6	78.9	74.7	69.9	79.5
Southwest	516	72.2	66.9	77.5	74.3	69.2	79.4
St. Louis	657	77.0	72.6	81.3	76.9	72.2	81.6
GENDER							
Female	2873	72.1	69.6	74.6	72.5	69.8	75.2
Male	1733	78.2	75.3	81.1	78.0	75.0	81.1
RACE							
Black	376	75.9	69.4	82.3	76.4	70.1	82.6
Other	262	64.4	55.1	73.6	65.4	57.2	73.6
White	3935	75.8	73.8	77.8	75.8	73.6	78.0
EDUCATION							
<HS	470	62.1	54.8	69.4	60.8	53.4	68.1
HS	1582	75.7	72.6	78.9	75.0	71.3	78.7
>HS	2547	76.8	74.2	79.3	77.0	74.3	79.8
INCOME							
<\$15,000	486	60.5	52.6	68.4	59.8	51.9	67.7
\$15-24,999	772	63.7	58.3	69.1	61.9	55.9	67.9
\$25-34,999	552	74.5	68.8	80.2	72.5	66.0	79.1
\$35-49,999	698	77.6	72.8	82.3	79.7	75.6	83.7
\$50-74,999	651	79.7	75.3	84.1	79.1	74.2	84.0
\$75,000+	843	83.2	79.9	86.5	83.0	78.4	87.7

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel nervous – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt hopeless all or most of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.2.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4599	2.7	1.9	3.5	2.6	1.8	3.4
REGION							
Central	523	2.4	0.4	4.3	2.4	0.4	4.5
Kansas City	870	2.7	1.3	4.1	2.6	1.3	3.9
Northeast	538	3.1	1.6	4.7	3.0	1.4	4.5
Northwest	548	2.3	0.6	4.0	2.6	0.4	4.8
Southeast	513	2.1	0.7	3.4	1.7	0.6	2.9
Southwest	515	2.8	1.2	4.4	2.4	1.1	3.8
St. Louis	656	2.9	0.6	5.2	2.9	0.4	5.4
GENDER							
Female	2869	2.8	2.0	3.7	2.9	1.9	3.8
Male	1730	2.5	1.1	4.0	2.3	1.0	3.7
RACE							
Black	374	2.6	0.5	4.7	2.5	0.5	4.5
Other	262	4.8	1.3	8.3	5.4	1.3	9.5
White	3930	2.5	1.6	3.4	2.3	1.4	3.1
EDUCATION							
<HS	466	5.9	2.8	8.9	6.5	3.2	9.8
HS	1580	2.0	1.2	2.9	1.9	1.0	2.8
>HS	2546	2.5	1.3	3.8	2.4	1.2	3.5
INCOME							
<\$15,000	484	10.2	6.1	14.3	10.5	6.4	14.5
\$15-24,999	769	3.7	1.7	5.8	3.9	1.7	6.1
\$25-34,999	551	1.8	0.2	3.4	1.9	0.2	3.6
\$35-49,999	698	2.8	0.0	6.5	2.3	0.0	4.6
\$50-74,999	651	1.1	0.2	2.1	1.0	0.2	1.8
\$75,000+	844	1.1	0.2	2.0	1.1	0.2	2.0

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt hopeless some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.2.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4599	8.1	6.9	9.3	8.0	6.7	9.4
REGION							
Central	523	9.5	6.2	12.8	9.5	6.2	12.8
Kansas City	870	8.6	6.1	11.2	8.3	5.8	10.9
Northeast	538	8.1	5.3	11.0	8.3	4.9	11.6
Northwest	548	6.2	3.7	8.7	6.6	3.8	9.4
Southeast	513	8.3	5.7	10.9	7.6	5.1	10.1
Southwest	515	10.5	6.4	14.5	10.1	5.9	14.4
St. Louis	656	6.2	3.5	8.8	6.1	3.2	9.1
GENDER							
Female	2869	7.6	6.3	9.0	7.2	5.9	8.6
Male	1730	8.6	6.5	10.7	8.7	6.5	11.0
RACE							
Black	374	6.4	3.0	9.8	6.6	3.0	10.3
Other	262	10.8	5.3	16.3	10.3	5.5	15.1
White	3930	8.1	6.7	9.4	8.0	6.5	9.5
EDUCATION							
<HS	466	13.4	9.2	17.7	14.9	10.1	19.7
HS	1580	10.4	7.9	12.9	11.0	8.1	13.9
>HS	2546	6.0	4.5	7.5	6.0	4.2	7.7
INCOME							
<\$15,000	484	19.7	12.4	27.0	20.2	13.2	27.2
\$15-24,999	769	14.2	10.3	18.2	14.4	10.3	18.5
\$25-34,999	551	9.3	5.5	13.0	10.5	5.6	15.3
\$35-49,999	698	6.6	4.1	9.2	6.6	4.1	9.0
\$50-74,999	651	3.2	1.2	5.2	3.3	0.8	5.8
\$75,000+	844	3.8	2.0	5.7	3.9	1.9	5.9

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt hopeless a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.2.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4599	89.2	87.8	90.7	89.4	87.9	90.9
REGION							
Central	523	88.1	84.4	91.9	88.0	84.2	91.8
Kansas City	870	88.7	85.8	91.5	89.1	86.3	91.9
Northeast	538	88.7	85.5	91.9	88.8	85.1	92.4
Northwest	548	91.5	88.5	94.5	90.8	87.3	94.2
Southeast	513	89.7	86.7	92.6	90.7	88.0	93.4
Southwest	515	86.8	82.5	91.0	87.5	83.1	91.8
St. Louis	656	91.0	87.5	94.4	90.9	87.2	94.7
GENDER							
Female	2869	89.5	88.0	91.1	89.9	88.3	91.5
Male	1730	88.9	86.3	91.4	88.9	86.4	91.5
RACE							
Black	374	91.0	87.0	95.0	90.9	86.7	95.0
Other	262	84.4	78.1	90.7	84.3	78.1	90.5
White	3930	89.5	87.9	91.0	89.7	88.0	91.4
EDUCATION							
<HS	466	80.7	75.6	85.8	78.6	73.0	84.1
HS	1580	87.6	85.0	90.2	87.1	84.1	90.1
>HS	2546	91.5	89.6	93.4	91.7	89.6	93.7
INCOME							
<\$15,000	484	70.1	62.4	77.8	69.3	61.7	77.0
\$15-24,999	769	82.0	77.7	86.3	81.7	77.2	86.2
\$25-34,999	551	88.9	84.9	92.9	87.6	82.5	92.8
\$35-49,999	698	90.5	86.3	94.8	91.2	87.9	94.4
\$50-74,999	651	95.7	93.5	97.8	95.7	93.0	98.3
\$75,000+	844	95.1	93.0	97.1	95.1	92.9	97.2

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel hopeless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt restless or fidgety all or most of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.3.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4597	7.4	6.2	8.6	7.5	6.2	8.7
REGION							
Central	526	6.5	3.4	9.7	6.8	3.6	10.1
Kansas City	868	8.6	6.1	11.1	8.1	5.8	10.4
Northeast	535	8.7	5.7	11.6	8.9	5.6	12.2
Northwest	550	6.6	3.7	9.5	6.5	3.7	9.3
Southeast	511	9.4	6.3	12.4	9.1	5.9	12.4
Southwest	514	8.0	4.3	11.8	8.2	4.0	12.5
St. Louis	656	5.9	3.3	8.5	6.1	3.3	8.9
GENDER							
Female	2866	7.4	6.0	8.8	7.5	6.0	9.0
Male	1731	7.5	5.4	9.5	7.5	5.5	9.5
RACE							
Black	376	12.0	7.4	16.5	12.0	7.4	16.5
Other	261	6.8	3.0	10.6	7.4	3.0	11.9
White	3927	7.0	5.7	8.3	7.0	5.6	8.3
EDUCATION							
<HS	468	15.2	10.4	20.0	16.5	11.4	21.7
HS	1577	7.8	5.8	9.9	8.2	5.8	10.6
>HS	2545	5.9	4.4	7.5	5.7	4.3	7.2
INCOME							
<\$15,000	485	19.1	13.6	24.7	20.3	14.7	25.9
\$15-24,999	770	11.9	8.3	15.4	12.9	8.8	16.9
\$25-34,999	550	7.7	3.8	11.6	7.8	3.8	11.9
\$35-49,999	697	7.4	3.4	11.4	7.4	3.9	10.9
\$50-74,999	651	5.0	2.5	7.5	4.9	2.5	7.3
\$75,000+	844	3.4	2.0	4.8	3.1	1.8	4.5

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt restless or fidgety some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.3.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4597	21.7	19.8	23.7	22.0	19.9	24.1
REGION							
Central	526	22.2	16.9	27.4	22.5	17.0	27.9
Kansas City	868	21.7	17.9	25.5	23.0	18.7	27.3
Northeast	535	20.7	16.0	25.3	21.3	15.8	26.8
Northwest	550	20.4	15.5	25.3	20.9	15.3	26.4
Southeast	511	20.3	16.0	24.7	20.4	15.6	25.1
Southwest	514	23.2	18.3	28.1	23.9	18.2	29.6
St. Louis	656	22.1	17.4	26.8	22.5	17.3	27.7
GENDER							
Female	2866	21.9	19.6	24.3	22.1	19.4	24.8
Male	1731	21.5	18.4	24.6	21.7	18.4	25.0
RACE							
Black	376	17.2	11.9	22.5	16.3	11.2	21.4
Other	261	29.1	20.0	38.3	29.3	20.8	37.7
White	3927	21.5	19.4	23.6	21.9	19.6	24.2
EDUCATION							
<HS	468	26.4	18.9	34.0	26.0	19.2	32.7
HS	1577	19.7	16.8	22.7	20.7	17.2	24.3
>HS	2545	22.1	19.5	24.7	21.6	18.8	24.3
INCOME							
<\$15,000	485	25.2	17.8	32.6	25.3	18.2	32.4
\$15-24,999	770	29.0	23.7	34.4	31.2	25.1	37.2
\$25-34,999	550	19.6	14.5	24.7	20.9	15.5	26.4
\$35-49,999	697	23.0	17.4	28.6	24.2	17.5	30.8
\$50-74,999	651	21.0	16.4	25.6	20.6	16.1	25.2
\$75,000+	844	16.7	13.1	20.3	17.0	12.3	21.6

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt restless or fidgety a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.3.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4597	70.8	68.7	72.9	70.5	68.3	72.8
REGION							
Central	526	71.3	65.7	76.9	70.7	64.9	76.5
Kansas City	868	69.7	65.6	73.9	68.9	64.4	73.5
Northeast	535	70.6	65.6	75.7	69.8	64.0	75.6
Northwest	550	73.0	67.6	78.4	72.6	66.7	78.5
Southeast	511	70.3	65.4	75.2	70.5	65.1	75.9
Southwest	514	68.8	63.2	74.3	67.9	61.7	74.0
St. Louis	656	72.0	67.0	77.0	71.4	66.0	76.9
GENDER							
Female	2866	70.7	68.1	73.2	70.4	67.5	73.3
Male	1731	71.0	67.6	74.4	70.8	67.3	74.4
RACE							
Black	376	70.9	64.3	77.4	71.7	65.3	78.1
Other	261	64.1	54.9	73.3	63.3	55.2	71.4
White	3927	71.5	69.2	73.8	71.1	68.7	73.6
EDUCATION							
<HS	468	58.4	50.6	66.1	57.5	49.9	65.0
HS	1577	72.5	69.1	75.8	71.0	67.0	75.0
>HS	2545	72.0	69.2	74.8	72.7	69.8	75.6
INCOME							
<\$15,000	485	55.7	47.7	63.7	54.4	46.4	62.3
\$15-24,999	770	59.1	53.5	64.7	56.0	49.8	62.2
\$25-34,999	550	72.8	66.9	78.6	71.2	65.1	77.4
\$35-49,999	697	69.6	63.5	75.7	68.4	61.7	75.1
\$50-74,999	651	74.0	69.1	78.9	74.5	69.7	79.4
\$75,000+	844	79.9	76.1	83.6	79.9	75.1	84.7

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel restless or fidgety – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt so depressed that nothing could cheer them up all or most of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.4.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4605	1.9	1.3	2.4	1.8	1.3	2.4
REGION							
Central	526	2.7	0.3	5.1	2.8	0.4	5.3
Kansas City	870	1.3	0.2	2.4	1.2	0.2	2.1
Northeast	538	1.4	0.4	2.3	1.3	0.2	2.4
Northwest	551	1.8	0.1	3.4	2.0	0.0	4.1
Southeast	512	2.2	0.8	3.7	2.0	0.7	3.3
Southwest	516	1.6	0.5	2.7	1.5	0.5	2.6
St. Louis	657	1.8	0.7	2.8	1.5	0.6	2.4
GENDER							
Female	2872	1.8	1.1	2.4	1.7	1.0	2.5
Male	1733	2.0	1.1	2.9	1.9	1.0	2.8
RACE							
Black	375	6.1	2.1	10.2	6.3	2.2	10.5
Other	262	3.7	0.3	7.1	4.0	0.1	7.8
White	3935	1.2	0.8	1.7	1.1	0.7	1.5
EDUCATION							
<HS	470	5.2	2.4	8.1	6.6	3.2	10.0
HS	1583	2.0	1.1	2.8	2.0	1.0	3.0
>HS	2545	1.2	0.5	1.9	1.2	0.5	1.9
INCOME							
<\$15,000	486	8.8	4.9	12.7	9.3	5.3	13.3
\$15-24,999	772	3.8	1.6	6.0	3.7	1.5	6.0
\$25-34,999	553	2.0	-0.4	4.3	1.9	0.0	4.1
\$35-49,999	698	0.9	0.2	1.7	1.1	0.1	2.1
\$50-74,999	649	0.1	0.0	0.3	0.2	0.0	0.4
\$75,000+	844	0.1	0.0	0.2	0.1	0.0	0.1

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel so depressed that nothing could cheer you up – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt so depressed that nothing could cheer them up some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.4.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4605	6.0	4.9	7.2	6.0	4.9	7.2
REGION							
Central	526	5.9	3.2	8.7	5.9	3.2	8.5
Kansas City	870	7.6	5.1	10.2	7.9	4.9	10.8
Northeast	538	5.7	3.4	8.0	5.7	3.2	8.2
Northwest	551	3.2	1.5	4.8	3.5	1.2	5.8
Southeast	512	6.4	3.9	8.8	6.6	3.8	9.4
Southwest	516	6.1	3.4	8.7	5.4	3.1	7.6
St. Louis	657	4.6	1.9	7.3	4.7	1.8	7.6
GENDER							
Female	2872	5.6	4.4	6.8	5.6	4.4	6.8
Male	1733	6.5	4.5	8.5	6.5	4.5	8.4
RACE							
Black	375	11.0	6.3	15.7	11.4	6.4	16.3
Other	262	7.6	2.4	12.8	6.6	2.8	10.3
White	3935	5.4	4.3	6.6	5.4	4.2	6.6
EDUCATION							
<HS	470	10.8	7.1	14.5	12.0	7.7	16.3
HS	1583	7.5	5.5	9.6	8.0	5.6	10.5
>HS	2545	4.5	3.0	5.9	4.2	2.9	5.5
INCOME							
<\$15,000	486	14.0	9.7	18.4	15.0	10.4	19.6
\$15-24,999	772	10.8	7.4	14.1	11.2	7.7	14.7
\$25-34,999	553	7.1	3.5	10.8	7.7	3.7	11.6
\$35-49,999	698	6.0	2.1	10.0	5.5	2.5	8.5
\$50-74,999	649	3.5	1.4	5.7	3.7	1.0	6.4
\$75,000+	844	2.2	0.9	3.4	1.9	0.8	3.0

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel so depressed that nothing could cheer you up – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt so depressed that nothing could cheer them up a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.4.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4605	92.1	90.9	93.3	92.2	90.9	93.4
REGION							
Central	526	91.4	87.8	94.9	91.3	87.8	94.9
Kansas City	870	91.0	88.3	93.7	91.0	87.9	94.0
Northeast	538	92.9	90.5	95.4	93.0	90.2	95.7
Northwest	551	95.1	92.7	97.4	94.5	91.3	97.6
Southeast	512	91.4	88.6	94.2	91.4	88.3	94.5
Southwest	516	92.3	89.5	95.2	93.1	90.7	95.5
St. Louis	657	93.7	90.8	96.5	93.8	90.8	96.8
GENDER							
Female	2872	92.6	91.3	94.0	92.7	91.3	94.1
Male	1733	91.5	89.4	93.7	91.6	89.5	93.8
RACE							
Black	375	82.9	77.0	88.7	82.3	76.0	88.6
Other	262	88.7	82.7	94.7	89.4	84.0	94.8
White	3935	93.3	92.1	94.6	93.5	92.2	94.7
EDUCATION							
<HS	470	84.0	79.4	88.5	81.4	76.2	86.7
HS	1583	90.5	88.3	92.7	90.0	87.4	92.6
>HS	2545	94.3	92.8	95.9	94.6	93.1	96.1
INCOME							
<\$15,000	486	77.1	71.4	82.9	75.8	70.0	81.5
\$15-24,999	772	85.4	81.5	89.3	85.1	81.0	89.1
\$25-34,999	553	90.9	86.7	95.2	90.4	85.9	94.9
\$35-49,999	698	93.0	89.0	97.1	93.4	90.3	96.5
\$50-74,999	649	96.3	94.1	98.5	96.1	93.4	98.9
\$75,000+	844	97.7	96.5	99.0	98.0	96.9	99.1

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel so depressed that nothing could cheer you up – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt everything was an effort all or most of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.5.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4587	8.1	6.8	9.4	8.1	6.8	9.5
REGION							
Central	526	9.5	6.0	13.1	9.7	6.0	13.3
Kansas City	868	6.6	4.7	8.6	6.4	4.4	8.5
Northeast	532	6.5	4.0	9.1	5.9	3.5	8.2
Northwest	549	4.6	2.4	6.8	4.9	2.3	7.5
Southeast	507	10.6	7.2	14.1	11.0	7.0	15.0
Southwest	514	9.6	5.9	13.4	9.6	5.4	13.7
St. Louis	657	6.9	4.0	9.8	6.7	3.6	9.9
GENDER							
Female	2862	8.2	6.8	9.6	8.1	6.6	9.6
Male	1725	8.1	5.8	10.3	8.1	5.9	10.4
RACE							
Black	375	13.1	8.4	17.8	13.3	8.4	18.2
Other	262	11.6	5.9	17.3	11.2	5.7	16.8
White	3918	7.3	6.0	8.7	7.4	5.9	8.8
EDUCATION							
<HS	465	14.5	9.8	19.1	16.8	11.1	22.4
HS	1576	9.3	7.1	11.5	10.0	7.2	12.7
>HS	2539	6.4	4.7	8.1	6.4	4.7	8.1
INCOME							
<\$15,000	483	23.5	17.0	30.0	23.6	17.6	29.5
\$15-24,999	770	12.9	9.3	16.5	14.0	9.9	18.1
\$25-34,999	551	9.6	4.8	14.3	11.0	5.2	16.7
\$35-49,999	695	7.6	3.5	11.7	7.9	4.2	11.7
\$50-74,999	645	5.8	2.6	8.9	6.4	2.9	9.9
\$75,000+	843	2.1	0.9	3.2	2.0	0.7	3.4

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt everything was an effort some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.5.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4587	16.2	14.4	17.9	16.4	14.5	18.3
REGION							
Central	526	15.4	11.1	19.8	15.4	11.0	19.7
Kansas City	868	17.0	13.5	20.5	17.4	13.5	21.2
Northeast	532	15.5	11.7	19.3	15.7	11.3	20.0
Northwest	549	15.9	11.6	20.2	16.9	11.6	22.2
Southeast	507	15.4	11.5	19.3	16.0	11.6	20.4
Southwest	514	14.6	10.7	18.4	14.7	10.2	19.2
St. Louis	657	16.5	12.2	20.9	17.1	12.3	21.9
GENDER							
Female	2862	14.9	13.0	16.7	14.6	12.7	16.5
Male	1725	17.6	14.6	20.6	18.0	14.8	21.2
RACE							
Black	375	21.2	15.2	27.3	19.9	14.2	25.6
Other	262	22.7	14.6	30.7	22.5	14.7	30.3
White	3918	15.2	13.4	17.0	15.5	13.4	17.6
EDUCATION							
<HS	465	25.7	18.2	33.3	27.2	19.9	34.5
HS	1576	15.8	13.1	18.5	16.0	12.8	19.1
>HS	2539	14.8	12.6	17.0	14.6	12.2	16.9
INCOME							
<\$15,000	483	25.2	18.0	32.5	26.2	19.2	33.2
\$15-24,999	770	19.3	15.2	23.5	20.1	15.3	24.9
\$25-34,999	551	16.3	11.8	20.7	17.5	12.4	22.7
\$35-49,999	695	17.9	12.6	23.2	18.3	11.8	24.9
\$50-74,999	645	16.1	11.6	20.5	16.4	11.8	20.9
\$75,000+	843	10.4	7.4	13.3	10.5	7.4	13.5

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt everything was an effort a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.5.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4587	75.7	73.7	77.7	75.5	73.3	77.6
REGION							
Central	526	75.0	69.8	80.2	75.0	69.7	80.2
Kansas City	868	76.3	72.5	80.1	76.2	72.1	80.3
Northeast	532	78.0	73.6	82.4	78.5	73.7	83.2
Northwest	549	79.5	74.8	84.2	78.2	72.5	83.8
Southeast	507	74.0	69.2	78.8	73.1	67.7	78.4
Southwest	514	75.8	70.8	80.7	75.7	70.1	81.4
St. Louis	657	76.6	71.7	81.5	76.1	70.9	81.4
GENDER							
Female	2862	76.9	74.7	79.1	77.3	75.0	79.6
Male	1725	74.4	71.0	77.8	73.9	70.4	77.4
RACE							
Black	375	65.6	58.6	72.7	66.8	59.9	73.7
Other	262	65.8	56.9	74.6	66.3	57.6	75.0
White	3918	77.5	75.3	79.6	77.2	74.8	79.5
EDUCATION							
<HS	465	59.8	52.0	67.5	56.1	48.2	63.9
HS	1576	74.9	71.6	78.1	74.1	70.2	77.9
>HS	2539	78.7	76.1	81.4	79.0	76.3	81.7
INCOME							
<\$15,000	483	51.3	43.2	59.3	50.2	42.2	58.3
\$15-24,999	770	67.8	62.7	72.8	65.9	60.2	71.7
\$25-34,999	551	74.2	68.3	80.0	71.5	64.3	78.6
\$35-49,999	695	74.5	68.5	80.5	73.8	67.3	80.3
\$50-74,999	645	78.2	73.1	83.2	77.2	71.9	82.5
\$75,000+	843	87.6	84.5	90.7	87.5	84.2	90.8

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel everything was an effort – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt worthless all or most of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.6.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4592	2.7	1.8	3.6	2.6	1.7	3.5
REGION							
Central	524	1.9	0.2	3.7	2.0	0.1	3.8
Kansas City	867	2.3	0.9	3.6	2.1	0.9	3.3
Northeast	537	3.4	1.9	4.9	3.1	1.7	4.6
Northwest	548	1.8	0.8	2.7	1.6	0.8	2.4
Southeast	510	4.0	2.2	5.9	3.7	1.9	5.5
Southwest	514	2.4	0.7	4.1	2.0	0.7	3.4
St. Louis	657	3.1	0.7	5.5	3.2	0.5	5.8
GENDER							
Female	2864	2.7	1.9	3.5	2.6	1.7	3.5
Male	1728	2.7	1.1	4.2	2.6	1.1	4.1
RACE							
Black	375	2.2	0.4	4.0	2.1	0.4	3.8
Other	262	5.5	1.4	9.6	5.7	1.4	10.0
White	3922	2.4	1.5	3.4	2.3	1.4	3.2
EDUCATION							
<HS	468	6.9	3.9	10.0	7.3	3.8	10.8
HS	1574	3.0	1.7	4.3	3.0	1.5	4.5
>HS	2543	1.8	0.6	3.0	1.7	0.6	2.8
INCOME							
<\$15,000	484	10.4	6.6	14.3	10.6	6.7	14.6
\$15-24,999	770	3.5	1.5	5.4	3.3	1.3	5.3
\$25-34,999	550	2.6	0.3	4.8	2.7	0.2	5.1
\$35-49,999	696	3.2	0.0	7.0	2.4	0.1	4.7
\$50-74,999	650	1.4	0.0	3.0	1.7	0.0	4.0
\$75,000+	844	0.3	0.0	0.8	0.2	0.0	0.5

Definition: “All” AND “Most” responses to the question “During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt worthless some of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.6.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4592	5.1	4.3	6.0	5.0	4.1	5.9
REGION							
Central	524	7.5	4.6	10.4	7.4	4.5	10.2
Kansas City	867	6.1	4.2	7.9	5.8	4.0	7.6
Northeast	537	5.1	2.9	7.3	5.1	2.7	7.4
Northwest	548	6.3	3.7	8.9	6.8	3.8	9.9
Southeast	510	4.7	3.0	6.4	4.1	2.6	5.7
Southwest	514	5.8	2.7	8.8	5.8	2.2	9.4
St. Louis	657	2.9	1.5	4.4	2.8	1.3	4.4
GENDER							
Female	2864	5.5	4.4	6.7	5.3	4.1	6.4
Male	1728	4.7	3.4	6.0	4.7	3.3	6.0
RACE							
Black	375	6.7	3.2	10.2	7.5	3.3	11.6
Other	262	6.6	2.8	10.4	6.1	2.9	9.3
White	3922	4.9	4.0	5.8	4.7	3.8	5.7
EDUCATION							
<HS	468	11.0	6.9	15.0	11.4	7.1	15.6
HS	1574	5.9	4.3	7.5	6.0	4.0	8.0
>HS	2543	3.8	2.8	4.8	3.5	2.6	4.5
INCOME							
<\$15,000	484	14.1	8.8	19.4	14.3	9.3	19.3
\$15-24,999	770	11.1	7.7	14.5	11.2	7.6	14.8
\$25-34,999	550	5.4	2.9	7.8	5.8	2.3	9.2
\$35-49,999	696	3.0	1.4	4.6	3.1	1.5	4.8
\$50-74,999	650	2.8	1.4	4.1	2.4	1.3	3.5
\$75,000+	844	1.8	0.8	2.8	1.7	0.7	2.7

Definition: “Some of the time” response to the question “During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Felt worthless a little or none of the time during the past 30 days

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.6.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4592	92.2	91.0	93.4	92.4	91.2	93.6
REGION							
Central	524	90.6	87.2	93.9	90.7	87.3	94.1
Kansas City	867	91.7	89.4	93.9	92.1	90.0	94.2
Northeast	537	91.5	88.9	94.1	91.8	89.1	94.5
Northwest	548	91.9	89.1	94.7	91.6	88.5	94.8
Southeast	510	91.3	88.8	93.8	92.1	89.8	94.4
Southwest	514	91.8	88.4	95.2	92.2	88.4	96.0
St. Louis	657	93.9	91.1	96.7	94.0	91.0	97.0
GENDER							
Female	2864	91.7	90.3	93.1	92.1	90.7	93.5
Male	1728	92.6	90.7	94.6	92.8	90.8	94.7
RACE							
Black	375	91.1	87.2	95.0	90.4	85.9	94.8
Other	262	87.9	82.4	93.3	88.3	83.0	93.5
White	3922	92.7	91.4	94.0	92.9	91.6	94.2
EDUCATION							
<HS	468	82.1	77.1	87.1	81.3	76.1	86.5
HS	1574	91.1	89.1	93.1	91.0	88.6	93.4
>HS	2543	94.5	92.9	96.0	94.7	93.3	96.2
INCOME							
<\$15,000	484	75.5	69.2	81.8	75.1	69.2	81.0
\$15-24,999	770	85.4	81.6	89.2	85.5	81.5	89.6
\$25-34,999	550	92.0	88.8	95.3	91.5	87.3	95.8
\$35-49,999	696	93.8	89.8	97.7	94.4	91.6	97.3
\$50-74,999	650	95.8	93.8	97.9	95.9	93.3	98.4
\$75,000+	844	97.9	96.8	99.0	98.1	97.1	99.1

Definition: “A little” AND “None” responses to the question “During the past 30 days about how often did you feel worthless – would you say all the time, most of the time, some of the time, a little of the time, or none of the time?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

***Mental health condition or emotional problem kept them from doing their work or usual activities
for two or more days***

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.7	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4585	9.1	7.9	10.3	9.0	7.7	10.3
REGION							
Central	524	8.9	5.3	12.5	9.0	5.4	12.6
Kansas City	868	9.2	6.6	11.9	9.3	6.3	12.3
Northeast	532	9.1	5.4	12.8	10.0	5.6	14.4
Northwest	550	6.5	3.8	9.2	6.7	3.7	9.8
Southeast	511	11.2	7.9	14.5	11.9	8.0	15.8
Southwest	515	10.9	7.2	14.6	9.2	6.3	12.1
St. Louis	654	7.1	4.8	9.5	7.0	4.6	9.5
GENDER							
Female	2863	10.2	8.6	11.7	10.0	8.4	11.6
Male	1722	7.9	6.0	9.7	7.9	6.0	9.8
RACE							
Black	372	10.7	6.7	14.8	10.8	6.8	14.8
Other	259	16.7	10.1	23.4	15.4	9.4	21.3
White	3921	8.3	7.0	9.5	8.2	6.9	9.5
EDUCATION							
<HS	463	16.2	11.4	21.1	18.6	13.4	23.9
HS	1577	10.3	7.8	12.8	10.5	7.7	13.4
>HS	2538	7.2	5.9	8.5	7.3	5.8	8.7
INCOME							
<\$15,000	479	23.6	17.3	29.9	23.7	18.1	29.3
\$15-24,999	767	19.4	14.8	23.9	20.9	15.9	25.8
\$25-34,999	553	12.1	7.6	16.5	13.4	8.0	18.7
\$35-49,999	693	5.9	3.7	8.2	6.5	4.0	8.9
\$50-74,999	649	3.3	1.4	5.3	3.5	1.0	6.1
\$75,000+	843	3.1	1.8	4.4	2.9	1.6	4.3

Definition: “2” or greater response to the question “During the past 30 days, for about how many days did a mental health condition or emotional problem keep you from doing your work or other usual activities?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

**Currently taking medication or receiving treatment from a health professional
for mental health condition or emotional problem**

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.8	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4601	13.7	12.2	15.2	13.5	11.9	15.1
REGION							
Central	526	13.7	9.9	17.5	14.1	10.2	18.0
Kansas City	869	11.0	8.5	13.5	10.7	8.1	13.3
Northeast	537	12.6	8.8	16.4	14.0	9.3	18.7
Northwest	549	10.3	7.2	13.4	10.5	7.2	13.7
Southeast	511	14.8	11.1	18.5	14.4	10.5	18.3
Southwest	516	15.6	11.5	19.7	13.9	10.5	17.3
St. Louis	657	14.7	11.0	18.5	14.3	10.4	18.3
GENDER							
Female	2871	17.9	15.9	20.0	17.9	15.7	20.0
Male	1730	9.0	6.8	11.2	8.8	6.5	11.1
RACE							
Black	376	8.2	4.5	11.8	8.1	4.5	11.6
Other	261	15.5	8.7	22.2	14.7	8.8	20.7
White	3931	14.0	12.4	15.7	13.8	12.1	15.6
EDUCATION							
<HS	470	24.0	16.7	31.3	25.6	18.3	33.0
HS	1579	12.2	9.8	14.5	11.9	9.4	14.4
>HS	2545	12.8	10.9	14.6	12.2	10.4	14.0
INCOME							
<\$15,000	487	26.6	20.0	33.2	27.1	21.3	33.0
\$15-24,999	771	19.0	14.5	23.6	20.2	15.2	25.2
\$25-34,999	553	13.7	10.1	17.4	13.6	9.3	17.8
\$35-49,999	695	12.3	7.9	16.8	15.0	8.8	21.3
\$50-74,999	649	9.6	6.2	12.9	8.5	5.8	11.3
\$75,000+	843	10.6	8.1	13.1	9.6	7.2	12.0

Definition: “Yes” response to the question “Are you now taking medicine or receiving treatment from a doctor or other health professional for any type of mental health condition or emotional problem?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Agrees strongly or slightly that treatment can help people with mental illness lead normal lives

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.9.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4499	94.9	94.0	95.7	94.9	94.0	95.7
REGION							
Central	517	94.8	92.5	97.1	94.5	92.0	96.9
Kansas City	852	93.8	91.8	95.8	93.7	91.6	95.8
Northeast	527	93.3	90.1	96.5	93.4	90.0	96.8
Northwest	535	93.7	90.4	97.0	92.9	88.7	97.1
Southeast	496	94.1	91.4	96.9	94.4	91.4	97.3
Southwest	499	94.2	91.9	96.5	94.4	92.2	96.7
St. Louis	642	96.9	95.3	98.5	97.2	95.8	98.6
GENDER							
Female	2799	95.0	93.8	96.1	95.0	93.8	96.2
Male	1700	94.7	93.5	96.0	94.7	93.4	95.9
RACE							
Black	368	89.1	83.9	94.3	89.0	83.8	94.2
Other	258	93.3	89.0	97.5	93.8	89.9	97.7
White	3842	95.6	94.8	96.4	95.6	94.8	96.4
EDUCATION							
<HS	445	87.9	83.0	92.8	89.4	85.3	93.5
HS	1541	93.1	91.5	94.8	93.3	91.6	95.1
>HS	2506	96.9	96.1	97.7	96.8	95.9	97.6
INCOME							
<\$15,000	465	93.0	90.3	95.6	92.4	89.7	95.2
\$15-24,999	745	92.4	89.7	95.0	92.9	90.2	95.7
\$25-34,999	542	94.2	91.5	96.9	94.1	90.8	97.4
\$35-49,999	687	95.1	93.0	97.1	95.4	93.5	97.3
\$50-74,999	646	97.0	95.6	98.5	96.7	94.9	98.4
\$75,000+	841	97.2	95.8	98.5	97.5	96.4	98.7

Definition: “Agree strongly” AND “Agree slightly” responses to the question
 “Treatment can help people with mental illness lead normal lives. Do you agree
 slightly or strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Neither agrees nor disagrees that treatment can help people with mental illness lead normal lives

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.9.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4499	1.3	0.9	1.6	1.3	0.9	1.7
REGION							
Central	517	1.6	0.5	2.6	1.7	0.5	2.8
Kansas City	852	1.7	0.6	2.8	1.7	0.6	2.8
Northeast	527	2.3	0.0	4.7	2.3	0.0	4.6
Northwest	535	0.7	0.1	1.3	0.7	0.1	1.3
Southeast	496	1.0	0.1	1.9	0.9	0.1	1.8
Southwest	499	2.0	0.6	3.3	2.1	0.5	3.7
St. Louis	642	0.5	0.1	1.0	0.5	0.1	0.9
GENDER							
Female	2799	1.3	0.8	1.9	1.3	0.7	1.9
Male	1700	1.2	0.7	1.7	1.2	0.7	1.8
RACE							
Black	368	1.8	0.0	3.8	1.7	0.0	3.6
Other	258	2.1	0.0	4.2	1.9	0.3	3.5
White	3842	1.1	0.7	1.5	1.1	0.7	1.5
EDUCATION							
<HS	445	2.1	0.4	3.8	2.3	0.3	4.3
HS	1541	1.6	0.8	2.4	1.6	0.8	2.4
>HS	2506	0.9	0.5	1.3	1.0	0.5	1.4
INCOME							
<\$15,000	465	0.6	0.0	1.3	0.7	0.0	1.5
\$15-24,999	745	1.7	0.8	2.6	1.4	0.6	2.2
\$25-34,999	542	1.3	0.0	2.6	1.4	0.0	3.4
\$35-49,999	687	1.3	0.3	2.3	1.2	0.3	2.0
\$50-74,999	646	1.3	0.3	2.3	1.4	0.3	2.4
\$75,000+	841	0.6	0.0	1.3	0.5	0.0	1.1

Definition: “Neither agree nor disagree” response to the question “Treatment can help people with mental illness lead normal lives. Do you agree slightly or strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Disagrees strongly or slightly that treatment can help people with mental illness lead normal lives
Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.9.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4499	3.9	3.1	4.7	3.9	3.1	4.6
REGION							
Central	517	3.7	1.6	5.7	3.8	1.6	6.1
Kansas City	852	4.6	2.9	6.3	4.6	2.8	6.4
Northeast	527	4.4	2.1	6.7	4.3	1.7	6.9
Northwest	535	5.6	2.4	8.8	6.4	2.2	10.6
Southeast	496	4.9	2.2	7.5	4.7	1.9	7.5
Southwest	499	3.9	2.0	5.7	3.5	1.9	5.1
St. Louis	642	2.5	1.0	4.1	2.3	0.9	3.6
GENDER							
Female	2799	3.7	2.7	4.8	3.7	2.6	4.7
Male	1700	4.1	3.0	5.2	4.1	2.9	5.2
RACE							
Black	368	9.0	4.1	14.0	9.2	4.3	14.2
Other	258	4.6	0.8	8.3	4.3	0.7	7.9
White	3842	3.3	2.6	4.0	3.3	2.5	4.0
EDUCATION							
<HS	445	10.0	5.3	14.6	8.3	4.6	11.9
HS	1541	5.3	3.8	6.8	5.1	3.5	6.6
>HS	2506	2.2	1.5	2.8	2.2	1.5	2.9
INCOME							
<\$15,000	465	6.4	3.9	9.0	6.9	4.3	9.5
\$15-24,999	745	6.0	3.5	8.5	5.7	3.0	8.3
\$25-34,999	542	4.5	2.2	6.8	4.5	1.9	7.1
\$35-49,999	687	3.6	1.8	5.4	3.5	1.8	5.2
\$50-74,999	646	1.7	0.6	2.8	2.0	0.6	3.3
\$75,000+	841	2.2	1.1	3.4	1.9	0.9	2.9

Definition: “Disagree strongly” AND “Disagree slightly” responses to the question
 “Treatment can help people with mental illness lead normal lives. Do you agree slightly or
 strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Agrees strongly or slightly that people are generally caring and sympathetic to people with mental illness

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.10.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4522	56.3	54.1	58.5	56.2	53.7	58.6
REGION							
Central	515	55.6	49.7	61.6	55.4	49.4	61.4
Kansas City	862	54.5	50.2	58.7	55.6	51.0	60.1
Northeast	524	56.3	50.8	61.7	55.8	49.7	61.8
Northwest	540	59.4	53.4	65.5	60.5	55.1	66.0
Southeast	503	61.6	56.3	67.0	61.4	55.4	67.3
Southwest	508	51.9	46.3	57.6	51.2	45.3	57.1
St. Louis	644	57.0	51.6	62.4	56.6	50.7	62.4
GENDER							
Female	2815	51.6	48.8	54.4	51.4	48.3	54.5
Male	1707	61.4	57.9	65.0	61.3	57.6	65.0
RACE							
Black	370	61.3	53.9	68.7	61.9	54.9	69.0
Other	257	49.7	40.5	58.9	48.5	39.8	57.1
White	3865	56.5	54.1	58.9	56.3	53.7	59.0
EDUCATION							
<HS	451	53.7	45.6	61.7	52.2	44.2	60.2
HS	1547	59.6	55.8	63.4	60.1	55.9	64.4
>HS	2517	54.9	52.0	57.9	55.1	51.9	58.2
INCOME							
<\$15,000	469	56.3	48.1	64.4	56.8	49.1	64.6
\$15-24,999	752	56.2	50.6	61.9	55.1	48.7	61.5
\$25-34,999	550	55.1	49.0	61.3	51.5	44.6	58.5
\$35-49,999	688	57.0	50.8	63.1	57.0	50.0	64.0
\$50-74,999	648	58.7	53.4	63.9	60.6	55.4	65.7
\$75,000+	840	54.6	49.9	59.2	55.0	49.0	60.9

Definition: “Agree strongly” AND “Agree slightly” responses to the question
 “People are generally caring and sympathetic to people with mental illness. Do
 you agree slightly or strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Neither agrees nor disagrees that people are generally caring and sympathetic to people with mental illness

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.10.2	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4522	2.8	1.9	3.7	3.0	1.8	4.1
REGION							
Central	515	2.3	0.5	4.0	2.2	0.4	3.9
Kansas City	862	1.5	0.7	2.4	1.4	0.5	2.3
Northeast	524	3.6	1.0	6.2	3.4	1.0	5.9
Northwest	540	3.2	0.3	6.1	3.0	0.5	5.5
Southeast	503	2.7	0.5	4.9	2.7	0.3	5.0
Southwest	508	2.4	0.9	4.0	2.4	0.8	4.1
St. Louis	644	4.3	1.6	7.1	4.9	1.7	8.1
GENDER							
Female	2815	2.4	1.6	3.3	2.3	1.4	3.1
Male	1707	3.3	1.6	5.0	3.5	1.6	5.5
RACE							
Black	370	1.8	0.0	3.5	1.7	0.0	3.4
Other	257	4.6	0.8	8.4	4.7	0.4	9.0
White	3865	2.8	1.7	3.8	2.9	1.7	4.2
EDUCATION							
<HS	451	5.2	0.0	11.6	3.8	0.0	7.9
HS	1547	2.0	1.2	2.8	1.7	1.0	2.5
>HS	2517	2.9	1.8	4.0	3.1	1.9	4.2
INCOME							
<\$15,000	469	3.1	0.0	6.3	2.7	0.1	5.4
\$15-24,999	752	3.0	1.5	4.5	2.5	1.0	3.9
\$25-34,999	550	1.7	0.3	3.2	1.7	0.0	3.7
\$35-49,999	688	2.7	0.0	6.4	5.0	0.0	10.9
\$50-74,999	648	2.6	1.1	4.1	2.9	1.3	4.4
\$75,000+	840	3.4	1.4	5.5	3.7	1.6	5.9

Definition: “Neither agree nor disagree” response to the question “People are generally caring and sympathetic to people with mental illness. Do you agree slightly or strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 24 – Mental Illness and Stigma

Disagrees strongly or slightly that people are generally caring and sympathetic to people with mental illness

Crude and Age-adjusted Prevalence With 95% Confidence Intervals (CI)

Table 24.10.3	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	4522	40.9	38.7	43.1	40.9	38.5	43.3
REGION							
Central	515	42.1	36.1	48.1	42.4	36.4	48.5
Kansas City	862	44.0	39.8	48.3	43.0	38.5	47.6
Northeast	524	40.1	34.8	45.5	40.8	34.7	46.9
Northwest	540	37.3	31.5	43.1	36.5	31.1	41.8
Southeast	503	35.7	30.4	40.9	36.0	30.3	41.7
Southwest	508	45.6	40.0	51.3	46.4	40.5	52.3
St. Louis	644	38.7	33.4	43.9	38.5	32.9	44.2
GENDER							
Female	2815	46.0	43.2	48.7	46.3	43.2	49.4
Male	1707	35.3	31.9	38.8	35.2	31.6	38.7
RACE							
Black	370	37.0	29.6	44.3	36.3	29.4	43.3
Other	257	45.7	36.5	54.9	46.8	37.8	55.9
White	3865	40.7	38.3	43.1	40.7	38.1	43.3
EDUCATION							
<HS	451	41.2	33.4	48.9	43.9	36.0	51.9
HS	1547	38.4	34.6	42.2	38.1	33.9	42.4
>HS	2517	42.2	39.3	45.1	41.9	38.7	45.0
INCOME							
<\$15,000	469	40.7	32.7	48.7	40.4	32.7	48.1
\$15-24,999	752	40.8	35.2	46.4	42.4	36.1	48.7
\$25-34,999	550	43.1	37.0	49.3	46.8	39.8	53.8
\$35-49,999	688	40.3	34.3	46.3	38.0	32.6	43.4
\$50-74,999	648	38.8	33.5	44.0	36.6	31.5	41.6
\$75,000+	840	42.0	37.4	46.6	41.3	35.5	47.1

Definition: “Disagree strongly” AND “Disagree slightly” responses to the question “People are generally caring and sympathetic to people with mental illness. Do you agree slightly or strongly, or disagree slightly or strongly?”

MISSOURI BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM, 2009

Chapter 25 – Caregiver Status

*Provided care or assistance in past month to a friend or family member with a health problem,
long-term illness or disability*

Crude and Age-Adjusted Prevalence With 95% Confidence Intervals (CI)

Table 25.1	N	Crude Prev %	Crude 95% Lower CI	Crude 95% Upper CI	Age-Adj Prev%	Age-Adj 95% Lower CI	Age-Adj 95% Upper CI
OVERALL	5025	25.7	23.9	27.6	25.7	23.8	27.6
REGION							
Central	565	27.5	22.4	32.6	27.8	22.8	32.8
Kansas City	948	24.8	21.4	28.2	24.3	20.8	27.9
Northeast	587	26.2	21.7	30.7	26.1	21.6	30.7
Northwest	602	22.3	17.5	27.1	24.0	18.2	29.7
Southeast	557	25.6	21.0	30.3	25.4	20.3	30.4
Southwest	553	31.8	26.7	36.8	31.9	26.5	37.3
St. Louis	731	22.9	18.8	27.0	22.4	18.2	26.6
GENDER							
Female	3114	29.6	27.1	32.1	29.8	27.0	32.6
Male	1911	21.6	19.0	24.2	21.5	18.9	24.0
RACE							
Black	433	29.9	23.5	36.2	30.0	23.5	36.6
Other	302	27.8	20.1	35.4	27.6	20.4	34.8
White	4252	25.1	23.2	27.1	25.0	22.9	27.0
EDUCATION							
<HS	530	31.9	25.2	38.6	36.3	29.5	43.1
HS	1761	27.8	24.6	31.1	28.0	24.4	31.7
>HS	2726	23.6	21.3	25.8	23.5	21.1	25.9
INCOME							
<\$15,000	549	30.4	23.1	37.7	30.7	24.0	37.5
\$15-24,999	850	33.7	28.6	38.8	35.1	29.5	40.7
\$25-34,999	594	28.3	23.0	33.6	29.2	23.2	35.2
\$35-49,999	746	26.3	21.6	31.0	26.2	21.6	30.7
\$50-74,999	693	21.9	17.7	26.1	21.8	17.5	26.0
\$75,000+	898	22.8	19.2	26.4	22.3	17.4	27.1

Definition: “Yes” response to “During the past month did you provide any such care or assistance to a friend or family member?”